Ciotto

laHmey QIjmeH paq

SoHvaD vumbogh browser

nuq ngaS: Ciotto laH Hoch, wa' ghIq latlh. Hoch laHvaD: pongDaj, interfaceDaq nuqDaq 'oH, nuq ta' je, tlheghmey puSDaq.

paq version: 1.1 — jaj 7, jar wa'maH wa'DIch, DIS 2026

Ciotto version'e' Delbogh paq: 0.5.0

patmey'e' Delbogh paq: desktop Windows / macOS / Linux, Android, iOS, Web companion app, Chromium / Firefox / Safari extension.

interface Hol English 'oHDI', DIvI' Hol ra' pongmey 'ang app; vaj paqvamDaq DIvI' Hol ra' pongmey lughItlhlu'. interface Hol tlhIngan Hol 'oHchugh, Daq rapDaq Dochmey rap 'ang app, 'ach tlhIngan HolDaq lumughlu'pu'.

Hol model QaHtaHvIS, Italiano Hol mung ghItlhvo' paqvam mughlu'pu'. 'ay' yajlu'be'chugh, mung ghItlh lughbej.

chay' paqvam laDlu'

Hoch laHvaD 'ay' tu'lu', mI' ghajbogh; wej Doch ngaS 'ay':

- **pong** — chay' laH pong Ciotto.
- **nuqDaq 'oH** — interfaceDaq He lugh (menu, leQ, shortcut), laH ghajbogh patmey je.
- **nuq ta'** — cha' tlhegh wej tlhegh joq, mu'mey ngeD lo'bogh.

Hemey DelmeH mIwmey:

- ⁝: menu leQ 'oH, toolbar nIH HeHDaq. desktopDaq, submenuDaq Dochmey law' lutu'lu': ⁝ → **Tools** → **Open a List of URLs...** ghItlhlu'DI', ⁝ yIpoSmoH, ghIq submenu **Tools** yIpoSmoH, ghIq Doch yIwIv. submenumey: **History**, **Favorites and reading list**, **Notes**, **Zoom**, **Page**, **Layout**, **Workspaces**, **Profiles**, **Macros**, **Tools**, **Privacy and identity**, **Appearance and language**, **Customise Toolbar**, **Extensions** je; public build neHDaq **Release Channel** tu'lu' je.
- QumwI'Daq, bIngvo' narghbogh nav poSmoH ⁝: DungDaq vagh nom vangmeH leQ tlhegh; ghIq ghommey **Page**, **Workspaces and layout**, **Tools**, **Privacy and identity** je. ghom pong DaHotDI', ghomvetlh poS; reH wa' ghom neH poS. rut desktop Doch ghItlh rurbe' nav Doch ghItlh (**New tab** 'oH, **New Tab** 'oHbe'). tab DaHottaHchugh, tab nav poS; desktopDaq nIH leQ rur.
- **menu bar**: pat menu 'oH (File, Edit, View, Layout, History, Extensions, Window, Help); desktopDaq neH tu'lu'.
- **SeHlaw**: Qorwagh 'oH; poSmoH ⁝ → **Settings...** (pagh `Ctrl/Cmd+,`). wa'maH loS 'ay' ghaj, loS ghomDaq. QumwI'Daq jIH naQ lo', 'ej **Done** DaHotDI' SoQ.
- `Ctrl/Cmd+…` rur shortcutmey lughItlhlu': WindowsDaq LinuxDaq je Ctrl, macOSDaq Cmd.

Sepmey tetlh

Sep	mI' mey	nuq bop
A. poSmoHghach, Qorwagh, interface je	1–10	chay' app poSmoHlu', tab chu' ghItlh, theme, Hol, accessibility, «Ciotto yItu'» ghItlh, Qorwagh 'emDaq leghmeH laH
B. tabmey	11–28	tab yIn, pongmey, ngaQmoHghach, ghommey, vIHmoHghach, link preview, QongmoHghach
C. address bar, leng, nejmeH laH je	29–35	leng, De'wI'vamDaq neH chupbogh address bar, nejwI'mey, zoom, Daq De'
D. split view, panelmey je	36–41	Qorwagh rapDaq ghItlhmey law', HeHmey DavIHmoHlaHbogh, layout ghItlhmeH mode
E. ngu'wI'mey, vummeH Daqmey je	42–49	profilemey, workspacemey, jInmolmey, private context, session cheghmoHghach

F. qun, qawHaq je	50–58	Timeline, leng pu'jlnmey, DalaDpu'bogh Dochmey qawHaq, De' Qaw'meH laH
G. vummeH janmey	59–71	nejmeH nabmey, URL tetlhmey, tabmey law' DaghelmeH laH, loStaHbogh tabmey, favorite, laDmeH laH, media, notes
H. macro, automation je	72–78	macro qonghach, choHghach, QapmoHghach je; poH nablu'pu'bogh QapmoHghachmey; De' navmey
I. AI boQwI'	79–82	sidebar, nobwI'mey modelmey je, ghItlhmey mughghach
J. ghogh	83–85	ghogh ra'mey, ghogh jangmey, vangwI'vaD Qu'mey
K. privacy, Hung je	86–110	yoD, HubwI'mey potlh, HubwI' tetlh naQ, tetlhmey luqI'lu'pu'bogh, «Hoch yImeQmoH»
L. pegh mu'mey, 'elmeH De' je	111–121	pegh 'aplo', autofill, addressmey DIlmeH cardmey je, pegh mu' Dotlh, TOTP, passkey
M. Lightning ngu'wI'	122–125	janvamDaq ngaQHa'moHwI', pegh mu' poQbe'bogh 'elghach, WebLN Nostr je
N. So'lu'bogh sync, tab ngeHmeH laH je	126–137	janmey, contactmey, tabmey session je ngeHghach, Seghmey
O. Chrome extension	138–141	Web Store, unpacked extension, extension leQmey, Hoch profilevaD extension
P. download, file, print je	142–150	downloadmey, janvam file, ghItlh polghach, print, PDF, mIllogh qonghach, Web app
Q. SeHlaw, chu'moHghachmey, nobmeH mIw je	151–159	wa'maH loS 'ay', shortcutmey, De' 'elmoHghach, chu'moHghachmey, Help menu, package HubmeH mIw
R. chay' pIm patmey	160–165	AndroidDaq, iOSDaq, WebDaq, extensionDaq je choHbogh Dochmey; QumwI' interface je

A. poSmoHghach, Qorwagh, interface je

1. app poSmoHghach, Qorwagh wa'DIch je

> **nuqDaq 'oH:** Ciotto icon («c» wov, nagh machvo' chenmoHlu'pu'bogh, loS Dop ghajbogh mIllogh Hurgh DungDaq; jejbe' mIllogh HeHmey): Start menuDaq, DockDaq, Android app 'aplo'Daq, iOS Home jIHDaq ghap.

> **nuq ta':** Qorwagh poSmoH. tab strip, address bar, toolbar, ghItlhmey Daq je ghaj Qorwagh. HTML 'aplo'mey bIHbe' ghItlhmey'e'; native viewmey bIH. interface DungDaq bIH lan main process.

patmey: Hoch native pat (desktop, Android, iOS).

2. poSmoHghach mode

> **nuqDaq 'oH:** SeHlaw → **New tab & startup** → **On startup**.

> **nuq ta':** Ciotto poSDI', nuq 'ang? Dawlv: ghItlhmey poSpu'bogh poSqa'moH; tab chu' poSmoH; pagh ghItlhmey tetlh DaghItlhpu'bogh poSmoH.

3. tab chu' ghItlh, 'ay'mey DachoHlaHbogh je

> **nuqDaq 'oH:** Hoch tab chu'Daq narghbogh ghItlh. 'ay'mey Dachu'meH: SeHlaw → **New tab & startup**, leQmey **New tab: favorites**, **New tab: frequent**, **New tab: projects**, **New tab: reading**, **New tab: remote tabs** je. tetlh rapDaq, Daq chuplu'bogh cheghmoH **New tab: Points of View**, Dateqpu'chugh.

> **nuq ta':** Ciotto mIllogh, ghItlh «ciotto», mu'tlhegh «The browser that works for you» je 'ang (tlhIngan HolDaq: «SoHvaD vumbogh browser»); De' chu' tlhegh 'angbe'. vagh 'ay' (favorite, Daqmey law'logh DaSuchbogh, jInmolmey, laDmeH tetlh, latlh janmeyvo' tabmey): Dachu'pa', luQotlhlu'. motlh cha' Doch neH luchuplu': ghItlh Dung HeHDaq **Discover Ciotto** leQ; Daq chuplu'bogh 'aplo' je, **Points of View** — tab rapDaq poS. ✕ ghaj Hoch Doch: ✕ DaHotchugh, janvetlhDaq reH teqlu'. Daqmey luchuplu'bogh tetlh, iconmeychaj je, Ciotto ngoqDaq lutu'lu': ghItlh 'angmeH, pagh server tlhob Ciotto.

patmey: desktop, Android, iOS je.

4. Home leQ, juH ghItlh je

> **nuqDaq 'oH:** SeHlaw → **New tab & startup** → **Show Home button**, **Home page** je. ghIq toolbarDaq nargh leQ, cheghmeH leQ ruchmeH leQ je jojDaq. WindowsDaq LinuxDaq je, Qu' rapvaD shortcut `Alt+Home` tu'lu'.

nuq ta': leQ chel; leQ DaHotDI', ghItlh DawIvpu'bogh 'ang. URL DaghItlhbe'chugh, tab chu' poSmoH leQ.

5. theme wov, theme Hurgh, pat theme ghap

nuqDaq 'oH: ⋮ → **Appearance and language** → **System** / **Light** / **Dark**; latlh He: SeHlaw → **Appearance & accessibility** → **Theme**.

nuq ta': Ciotto interface choH: wov, Hurgh, "pat rur" ghap. wIv lengbogh 'oH wIvllj'e': sync lo'bogh latlh janmeyDaq paw je.

6. interface Hol

nuqDaq 'oH: ⋮ → **Appearance and language**, wej theme bIngDaq, tetlhDaq (Hoch Hol pong HolvetlhDaq ghItlhlu'); latlh He: SeHlaw → **General** → **Interface language**.

nuq ta': menumey, panelmey, QInmey je Hol choH. wa'maH jav Hol lutu'lu': DIvI' Hol (English), Italian, French, Spanish, German, Simplified Chinese, Russian, Korean, Portuguese, Japanese, Arabic, Swahili, Hausa, Yoruba, Amharic, tlhIngan Hol je. Arabic Hol lo'lu'DI', nIHvo' poSDaq interface lanlu'. wIv lengbogh 'oH Hol'e': sync lo'bogh latlh janmeyDaq Dutlha'.

7. accessibility: zoom veH, contrast, vIHghach, focus

nuqDaq 'oH: SeHlaw → **Appearance & accessibility**.

nuq ta': Default page zoom, **Minimum font size**, **Contrast** (System, Normal, More contrast ghap), **Reduce motion**, **Animate images and GIFs**, **Caret browsing**, **Always show keyboard focus** je ngaS. Qap wIvmeyvam Ciotto interfaceDaq; ghItlhmey DaSuqbogh choH je.

8. favorites bar

nuqDaq 'oH: SeHlaw → **New tab & startup** → **Show favorites bar**. address bar bIngDaq nargh bar.

nuq ta': reH leghlu'bogh tlheghDaq, SoHvaD favorite, DaH workspace Dalo'bogh favorite je 'ang. leQmey moj foldermey, 'ej menu ghaj Hoch leQ (retlhDaq poS subfolder). tlhegh HeHDaq **Manage** tu'lu': Dochmey lupollu'pu'bogh ghItlh poSmoH. Doch DaHotDI', tab chu'Daq poS Doch.

9. Ciotto yItu'

nuqDaq 'oH: ⋮ → **Discover Ciotto**; menu bar → **Help** → **Discover Ciotto**; tab chu' ghItlh HeHDaq **Discover Ciotto** leQ. QumwI'Daq: ⋮ nav → **Discover Ciotto**.

> **nuq ta':** Ciotto ghItlh 'oH, tabDaq poSbogh; Ciotto laHmey Del: Hoch laHvaD wa' ghItlhHom, wa'maH vagh SepDaq lughommoHlu'. title ghaj Hoch ghItlhHom; mu'tlhegh ghaj; **How it works** Doch ghaj (mIw, wanI' teH je); 'ej laHchugh, **Take me there** leQ ghaj: Doch'e' Delbogh ghItlhHom poSmoH (panel, SeHlaw 'ay', ra' ghap). desktopDaq, title retlhDaq nargh DaH shortcut lo'lu'bogh. DungDaq, titlemey mu'tlheghmey je nej field; per tlhegh tu'lu' je: Hoch per wa' SepDaq DuDev. laHmey ghajbe'bogh pat lu'anglu'be'; privacy tetlh ghItlhHom bIngDaq, janvetlhDaq Qapbogh Hubwl'mey tetlh tu'lu'.

patmey: desktop, Android, iOS je. QumwI'Daq shortcutmey Hutlh, 'ej QumwI'Daq tu'lu'be'bogh ra'mey leQmey Hutlh je.

10. Ciotto 'emDaq leghmeH laH

> **nuqDaq 'oH:** toolbar leQ (title: **See through Ciotto and click below**); menu bar → **View** → **See through Ciotto and click below**; ⋮ → **Appearance and language** → **See through Ciotto and click below**.

> **nuq ta':** Qorwagh DaleghtaHvIS, Qorwagh 'emDaq Doch DaleghlaH je; latlh appmey DungDaq Qorwagh pol, 'ej bIng appDaq vegh click scroll je 'e' chaw'. vaj latlh DaqDaq DavumtaHvIS, ghItlh DaleghtaH. tab strip toolbar je: 'emDaq Doch DaleghlaHbe', 'ej Dalo'laH. leQ tam QIn **Click-through mode**; cheghmeH shortcut 'ang. mode DamevmoHmeH, `Ctrl/Cmd+Shift+U` yllo'; pat naQDaq Qap shortcutvam. shortcutvam lo'taHchugh latlh app, mode taghlaHbe' Ciotto, 'ej Duja'.

patmey: Windows, macOS je. LinuxDaq Qorwagh 'emDaq Doch DaleghlaHbe'mo', LinuxDaq narghbe' ra'; QumwI'Daq tu'lu'be'.

B. tabmey

11. tab yIpoSmoH, yISoQmoH, latlh tab yIwIv

> **nuqDaq 'oH:** DungDaq tab strip; **+** leQ; ⋮ → **New Tab**; poSmoHmeH `Ctrl/Cmd+T`; SoQmoHmeH `Ctrl/Cmd+W`, pagh tabDaq mouse botlh leQ; `Ctrl/Cmd+1…8`: Daqvetlh tab wIv; `Ctrl/Cmd+9`: tab Qav wIv. QumwI'Daq: ⋮ nav → **New tab**; 'ej Hoch tab tetlh poSmoH tabmey mI' ghajbogh leQ.

> **nuq ta':** tab yIn mIw ngeD. tab strip ghaj Hoch panel; reH buSlu'bogh panel tab strip 'anglu'. desktopDaq, DaH Dalo'be'bogh tab ✕ So'lu'; mouse DavIHmoHDI' tabvetlh DungDaq, ✕ nargh.

12. «+» leQ, tab Qav retlhDaq

> **nuqDaq 'oH:** tab stripDaq, tab Qav retlhDaq. pagh Dachu'nIS.

> **nuq ta':** tab DapoSmoHmeH leQ: tab Qav tlha', Qorwagh HeHDaq ratlhbe'. tIqghachDaj ghaj Hoch tab, 'ej tlhegh tebmeH tIqchoHbe'. tabmey law' lutu'lu'DI', 'ej tlhegh vIHnISDI', **tlhegh HeHDaq ratlh** leQ; jIHvo' mejbe'. cha' ghu'meyDaq, tab DapoSmoHmeH tab strip DaveghnISbe'. Daq chIm ratlhbogh Dalo'chugh, Qorwagh DavIHmoHlaH je. QumwI'Daq, iconmey neH 'ang tab strip; tlhegh retlhDaq reH ratlh «+», DaH tab Dalo'bogh SoQmoHmeH leQ je.

13. tab SoQ yIpoSqa'moH

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+T`; menu bar → **File** → **Reopen Closed Tab**; ⋮ → **Reopen Closed Tab**; tabDaq nIH leQ → **Reopen Closed Tab**. QumwI'Daq: ⋮ nav → **Reopen closed tab**; tab navDaq Doch rap; pagh **Tab closed** QInDaq **Undo** (tab DaSoQmoHpu'DI', lup puS QInvam 'anglu').

> **nuq ta':** tab Qav DaSoQmoHpu'bogh poSqa'moH: URLDaj rap, cheghmeH/ruchmeH qunDaj je. cha'maH vagh SoQmoHghach Qav qaw Hoch Qorwagh, Ciotto taghqa'DI' je; 'ej qawHaq QotlhIu'chugh je, Qap tetlhvam.

14. tab nIb yIchenmoH

> **nuqDaq 'oH:** tabDaq nIH leQ → **Duplicate tab**. QumwI'Daq: tab yIHottaH → **Duplicate tab**.

> **nuq ta':** cha'DIch tab poSmoH: URL rap, mung tab retlhDaq, ngu'wI' rap.

15. tab yIpong

> **nuqDaq 'oH:** tab titleDaq **cha'logh yIHot**; pagh tabDaq nIH leQ → **Rename Tab...**. QumwI'Daq: tab yIHottaH → **Rename tab**.

> **nuq ta':** ghItlh title 'oH tab title'e', 'ej neHDI' title choH ghItlh: Daq rapDaq wa'maH tab DapoSmoHchugh, wa'maHlogh mu' rap pe'lu'pu'bogh 'ang tab strip. 'ach **pong Danobbogh** ghajlaH tab. title tambe' pong; title retlhDaq ratlh. ghItlh pong ja'taH ghItlh, 'ej **field DachImmoHchugh**, chegh title teH, tab lengtaHvIS chu'moHlu'pu'bogh. **DalengDI', pong Qaw'lu'be'**: tab DapongmeH meq: tabmey law' joj tabvetlh DaSovlaH. wa'DIch DaHotDI' pong DachIlchugh, meq tu'lu'be'. Ciotto taghqa'DI', ratlh pong; jInmolDaq ratlh; tab nIb DachenmoHDI' ratlh je. title 'angbe' tab ratlhmoHlu'pu'bogh; vaj menuvo' Dapongqa', 'ej tooltipDaq pong DalaD.

16. tab yIratlhmoH

> **nuqDaq 'oH:** tabDaq nIH leQ → **Pin Tab** / **Unpin Tab**; shortcut DanoblaH (**Pin or unpin tab**). QumwI'Daq: tab yIHottaH → **Pin tab**.

> **nuq ta':** tab strip Daq wa'DIchDaq tab lan; tab mach moj, 'ej ╳ Hutlh; vaj latlh tabmey jojDaq DachIlbe'. tab ratlhmoHlu'pu'bogh QongmoHlu'be'; tabmey law' nItebHa' luSoQmoHlu'DI', tabvam SoQmoHlu'be'.

17. tab yIngaQmoH

> **nuqDaq 'oH:** tabDaq nIH leQ → **Lock Tab** / **Unlock Tab**. QumwI'Daq: tab yIHottaH → **Lock tab**. shortcut DanoblaH je (**Lock or unlock tab**, mI' 152); motlh shortcut ghajbe'.

> **nuq ta':** motlh tab DaSoQmoHmeH mIwmey Dalo'; 'ach tab ngaQ SoQmoHlaHbe' mIwmeyvetlh: ╳, mouse botlh leQ, `Ctrl/Cmd+W`, menu Doch, extension, macro node je. pong retlhDaq nargh **ngaQmoHwI'**, 'ej ╳ So'lu'. qatlh? DaHotDI' lajQo'bogh leQ qab law', leQ tu'lu'be'bogh qab puS. tabvam luSoQmoHbe' tabmey law' nItebHa' SoQmoHmeH ra'mey (latlh tabmey tISoQmoH, nIH tabmey tISoQmoH, Hoch yImeQmoH); 'ej SIbI'Ha' DacheghmoHmeH DatlhobchugH, lajQo' Ciotto 'ej QIn 'ang; pagh SoQmoHbogh nab qonbe'. **veH ja'lu':** Qorwagh DaSoQmoHchugh pagh workspace DaQaw'chugh, tab teqlu' je. tabDaq DaHotDI' DaQaghchugh, DuHub ngaQmoHwI'; 'ach Qorwagh jonbe'.

18. tab tammoHghach, audio per je

> **nuqDaq 'oH:** wab chenmoHbogh tabDaq ♪ leQ (tab tammoHlu'DI', **×** moj leQ); tabDaq nIH leQ → **Mute Tab** / **Unmute Tab**; shortcut DanoblaH (**Mute or unmute tab**). QumwI'Daq: tab yIHottaH → **Mute tab**.

> **nuq ta':** wab chenmoHbogh tab 'ang; tab DatammoHlaH, 'ej mevbe' audio.

19. latlh tabmey, nIH tabmey ghap tISoQmoH

> **nuqDaq 'oH:** tabDaq nIH leQ → **Close Other Tabs** / **Close Tabs to the Right**. QumwI'Daq: tab yIHottaH → **Close other tabs** / **Close tabs to the right**.

nuq ta': tabmey law' SoQmoH, 'ach tab DaHotpu'bogh panelDaq neH: latlh panelmey, latlh workspacemey je Hotbe', 'ej tabmey luratlhmoHlu'pu'bogh, tabmey ngaQ je SoQmoHbe'.

20. tab ghommey

nuqDaq 'oH: tabDaq nIH leQ → **Add to New Group**, **Move to Group** (ghom ghajchugh panel, nargh), **Remove from Group**. QumwI'Daq: tab yIHottaH → **Add to new group**, **Collapse group** / **Expand group**, **Remove from group**.

nuq ta': tab stripDaq, tabmey law' ghommoH, color ghajbogh per bIngDaq. ghom chu' pong: **Group 1**, **Group 2**, latlh je; reH color rap ghaj. DaHjaj, interfacevo' pong color je DachoHlaHbe'. per DaHotDI', ghom tabmey luSo'lu'; ghomvetlhDaq DaH tab Dalo'bogh neH 'anglu'. ghommey ghaj panel; 'ej session cheghmoHlu'DI', chegh ghommey.

21. tabmey law' tlwlv

nuqDaq 'oH: tab stripDaq: Ctrl (macOSDaq Cmd) DaHottaHvIS, tabmey tlHot. desktop neH.

nuq ta': panel rap tabmey law' DawIvlaH; tab stripDaq tabmey DawIvpu'bogh luwovmoHlu'. DaHjaj, ghommeyvaD lo'lu' wIvvam: tab DawIvpu'bogh menuDaq **Add to New Group**, **Move to Group**, **Remove from Group** ghap DawIvchugh, Hoch tab DawIvpu'bogh choH. tab DaHotpu'bogh neH luchoH latlh menu Dochmey.

22. latlh panelDaq tab ylvlHmoH

nuqDaq 'oH: tabDaq nIH leQ → **Move to Panel 1**, **Move to Panel 2**... (Hoch latlh panelvaD wa' Doch); pagh tab yI'uch 'ej ylvlHmoH. QumwI'Daq: tab yIHottaH → **Move to other panel**; pagh nItlhIlj lo'taHvIS tab ylvlHmoH.

nuq ta': Qorwagh 'aplo' latlhDaq tab vIHmoH, **ngu'wI' choHbe'taHvIS**: ratlh accountmey lu'ellu'pu'bogh. tab DavIHmoHtaHvIS, tab stripDaq ghochmey tlhegh nargh: latlh panelmey mI'mey; ▸ + (retlhDaq panel chu'Daq poSmoH); ▾ + (bIngDaq panel chu'); latlh workspacemey pongmey je (mI' 23). interface luSo'mo' ghItlhmey, tab stripDaq ghochmey lutu'lu'. menu rap tlheghDaq tab vIHmoH je: **Move Tab Left**, **Move Tab Right**, **Move Tab to Start**, **Move Tab to End**.

23. latlh workspaceDaq tab ylvlHmoH

nuqDaq 'oH: ⋮ → **Workspaces** → **Move This Tab To...** (DaH tab Dalo'bogh); pagh tab DavIHmoHtaHvIS, ghochmey tlheghDaq latlh workspace pongDaq tab yIlan (mI' 22).

nuq ta': latlh workspaceDaq tab qeng. latlh ngu'wI' lo'chugh ghoch workspace, URL rapDaq tab poSqa'moHlu', ngu'wI'vetlh lo'taHvIS. latlh QorwaghDaq poSbogh workspacemey luchuplu'be'.

24. link preview

> **nuqDaq 'oH:** chu'meH: SeHlaw → **Tabs & performance** → **Preview links on Shift+click**; ghIq linkDaq **Shift+click**, pagh linkDaq nIH leQ → **Preview Link**. motlh chu'lu'be'.

> **nuq ta':** tab poSmoHbe'; Qorwagh botlhDaq link poSmoH, **'albogh 'aplo'Daq**. DungDaq tlhegh mach tu'lu': Daq pong 'ang, 'ej cha' leQ nob: **Open as tab** ('em QorwaghDaq tab teH moj preview), **Close preview** je. Esc DaHotchugh pagh latlh DaqDaq DaHotchugh, SoQ je: preview 'oHbe' DaHotqa'DI' ratlhbogh preview'e'; DaSeHnISbogh Qorwagh 'oH. 'aplo' leng, **link'e' ngaSbogh tab profile** lo'taHvIS; vaj Daq Da'elpu'chugh, accountllj Dalo'taHvIS Daq Dalegh. 'ej 'aplo' qoDDaq link Datlha'pu'chugh, **DaH ghItlh Daleghbogh** poSmoH **Open as tab**; wa'DIch ghItlh poSmoHbe'. Hoch QorwaghDaq wa' preview neH: cha'DIch DaHotDI', wa'DIch preview tam preview chu'. **qatlh motlh chu'lu'be'?** motlh tab poSmoH Shift+click. Shift+click Qu' Daghojpu'bogh choHchugh Ciotto, 'ej Duja'be'chugh, DumermoH; laH 'oHbe'.

patmey: desktop neH.

25. tab strip DungDaq, poS DopDaq ghap

> **nuqDaq 'oH:** SeHlaw → **Tabs & performance** → **Tab strip**. desktop neH.

> **nuq ta':** poS DopDaq tab strip vIHmoH, Dungvo' bIngDaq; pa' tabmey law' lutu'lu'chugh je, titlemey DalaDlaH.

26. QongchoHbogh tabmey

> **nuqDaq 'oH:** SeHlaw → **Tabs & performance** → **Suspend inactive tabs**, **Suspend after (minutes)**, **Never suspend** je.

> **nuq ta':** tabmey Dalo'be'bogh yevmoH, jo tlhabmoHmeH. motlh chu'lu': 30 tup tab Dalo'be'chugh, QongchoH tab (5 tupvo' 1440 tupDaq DawIvlaH). reH QongmoHbe' Ciotto: tab ratlhmoHlu'pu'bogh; wab chenmoHbogh tab; form teblu'pu'bogh ngaSbogh tab; media 'angtaHbogh tab; videocall ghajtaHbogh tab; download ghajtaHbogh tab. **Never suspend** tetlhDaq Daq naQ DaghItlhchugh, Daqvetlh QongmoHbe' Ciotto; Hoch tlheghDaq wa' pong. tab stripDaq, Hurgh tab Qongbogh icon, 'ej maS mach ghaj; tooltipDaq **Asleep to save memory — opens instantly** ghItlhlu'. desktopDaq, qawHaq HutlhchoH De'wI'DI', loSbe' Ciotto; 'ach ratlh latlh chutmey Hoch.

27. qawHaq nobHa'ghach (tab chIm)

> **nuqDaq 'oH:** SeHlaw → **Tabs & performance** → **Give the memory back after (minutes)**.

> **nuq ta':** tab QongchoHDI', loS Ciotto (motlh 60 tup). ghIq processDaj naQ nobHa' tab; URL, title, icon, qun je neH ratlh. tab DapoSqa'moHDI', ghItlh Suqqa'lu'; jatlh tab tooltip: **Asleep to save memory — loads again when opened**. 0 DawIvchugh, reH QongtaH tab.

28. HoS 'aplo' lo'lu'DI'

> **nuqDaq 'oH:** nIteb Qap; ra' tu'lu'be'. desktop. AndroidDaq iOSDaq je, rurbogh Doch: pat qawHaq ghuHmoHDI', jang Ciotto.

> **nuq ta':** laptop HoS 'aplo' lo'DI', ngajchoH cha' loSghach: tab QongmoHpa' Ciotto, qawHaq nobHa'pa' je (wa'DIch: wej 'ay'vo' wa' neH; cha'DIch: bID neH; reH wa' tup 'oH veH). laH DaQotlhpu'chugh, chu'qa'be' Ciotto; 'ej qawHaq nobHa'meH 0 DawIvpu'chugh, 0 ratlh.

C. address bar, leng, nejmeH laH je

29. address bar, leng je

> **nuqDaq 'oH:** Dung bar botlh field; fieldDaq focus vIHmoH `Ctrl/Cmd+L`. poS DopDajDaq: cheghmeH leQ, ruchmeH leQ, Suqqa'meH leQ, mevmeH leQ je.

> **nuq ta':** URLmey poSmoH; nej; Daq DaleghtaHbogh 'ang je. Suqqa'meH leQ mevmeH leQ je: wa' leQ bIH; ghItlh Suqlu'taHchugh pagh Suqlu'taHbe'chugh, choH leQ. QumwI'Daq, field qoDDaq Suqqa'meH/mevmeH leQ tu'lu', nIH DopDaq; 'ej field Dalo'be'DI', Daq pong neH 'ang field.

30. omnibox chupghachmey, De'wI'vamDaq SImlu'bogh

> **nuqDaq 'oH:** bar bIngDaq narghbogh tetlh, DaghItlhtaHvIS.

> **nuq ta':** tabmey poSpu'bogh, favorite, laDmeH tetlh Dochmey, latlh janmey tabmey, qun je chup. De'wI'vamDaq neH tetlh mIw wuqlu': chupmeH serviceDaq reH ngutlh DaghItlhbogh ngeHlu'be'.

31. nejwl' ylwIv

> **nuqDaq 'oH:** address barvo' **wa'DIch DanejDI'**, Dochmey lutu'lu'bogh DungDaq nIteb Dughel Ciotto. ghIq: SeHlaw → **Search** → **Default search engine**.

> **nuq ta':** latlh nejwl' DawIvpa', DuckDuckGo lo' Ciotto. wa'DIch DanejDI', jatlh bar: **Searching with DuckDuckGo. Use another one?**; 'ej DuckDuckGo, Google, Bing, Brave Search, Ecosia, Startpage je chup; **Keep DuckDuckGo** 'ang je. 'ach Dajangpa', Danejpu'bogh Doch nej Ciotto. Hoch janDaq wa'logh neH Dughel Ciotto; Dajangbogh mu'mey potlhbe'.

patmey: desktop, Android, iOS je.

32. nejwl'mey DachenmoHbogh, mu' potlh je

> **nuqDaq 'oH:** SeHlaw → **Search**; chelmeH 'aplo': pong, mu' potlh, URL template je.

> **nuq ta':** nejwI'llj DachenmoHlaH. `%s` ngaSnIS URL template: mu'mey Danejbogh lanmeH Daq 'oH. nejwl'vam Dalo'meH, mu' potlh ylghItlh: `@` 'oH wa'DIch ngutlhDaj'e'.

33. ghItlhDaq ylnej

> **nuqDaq 'oH:** `Ctrl/Cmd+F`; ⋮ → **Find in Page...**; menu bar → **View** → **Find in Page...**. veb Doch DaghoSmeH, Doch Daleghpu'bogh DaghoSqa'meH je, `Ctrl/Cmd+G`, `F3`, `Ctrl/Cmd+Shift+G` je Dalo'laH je. QumwI'Daq: ⋮ nav → **Page** → **Find in page**.

> **nuq ta':** ghItlh poSDaq mu'mey nej; Dochmey lutu'lu'bogh wovmoH, 'ej mI'mey 'ang: Doch DaleghtaHbogh mI', Hoch Dochmey mI' je.

34. ghItlh zoom

> **nuqDaq 'oH:** tInmoHmeH, machmoHmeH je: `Ctrl/Cmd+`, `Ctrl/Cmd-` je; zoom DawIvpu'bogh DacheghmoHmeH: `Ctrl/Cmd+0`; ⋮ → **Zoom (100%)**: submenu 'oH; DaH percent 'ang, 'ej **Zoom In**, **Zoom Out**, **Actual Size** je ghaj; menu bar → **View**. Daqmey luqawlu'bogh tetlh: SeHlaw → **Appearance & accessibility** → **Per-site zoom**. QumwI'Daq: ⋮ nav → **Page** → **Zoom in** / **Zoom out** / **Reset zoom**.

> **nuq ta':** ghItlh tInmoH pagh machmoH, 'ej Hoch DaqvaD zoom qaw: Daq rap Hoch tabDaq DapoSqa'moHchugh, zoom rap lo'. zoom DawIvpu'bogh lo'be'DI' ghItlh, toolbarDaq percent nargh; percent DaHotchugh, zoom DawIvpu'bogh chegh. SeHlaw tetlhDaq, ✕ ghaj Hoch Daq: ✕ DaHotchugh, Daq llj Ciotto. QumwI'Daq, zoom Doch DaHotDI', SoQbe' nav; 'ej reH percent chu' 'ang.

35. Daq De'

> **nuqDaq 'oH:** address barDaq, URL poS DopDaq ngaQmoHwI' (ghItlh `http://` lo'DI', poS ngaQmoHwI', 'ej color ghaj).

> **nuq ta':** 'aplo' poSmoH, 'ej 'ang: connection So'ghach; connection Hubbogh certificate; Daqvetlh Qapbogh HubwI'mey; DaqvetlhvaD chaw'mey Danobpu'bogh (Ask, Allow, Block ghap; workspacevaD lupollu'); profileDaq Daq cookiemey mI' je. pa' chaw'mey DachoHlaH. AndroidDaq iOSDaq je, connection chaw'mey je 'ang 'aplo'; certificate HubwI'mey tetlh je 'angbe'. mIllogh qonwI', microphone, location je chaw'mey DachoHlaH; latlh chaw'mey lubotlu'.

D. split view, panelmey je

36. Qorwagh ylwav

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+D`: nlHDaq wav; `Ctrl/Cmd+Shift+E`: blngDaq wav; menu bar → **Layout** → **Split Right** / **Split Down**; ⋮ → **Layout** → **Split Right** / **Split Down**. Qumwl'Daq: ⋮ nav → **Workspaces and layout** → **Split screen**.

> **nuq ta':** Qorwagh rapDaq ghItlhmey law' lan. Qorwagh DawavDI', ghItlh DaleghtaHbogh nIb poSmoH; vaj ghItlh rap cha' 'ay' DanuDmeH, shortcut wa' neH Dalo'nIS. Qumwl'Daq, veH 'oH cha' panel'e', 'ej jIH tlha' wavghach: jIH Dungvo' blngDaq tlqchugh, latlh panel DungDaq wa' panel; jIH poSvo' nIHDaq tlqchugh, latlh panel retlhDaq wa' panel.

37. HeHmey DavIHmoHlaHbogh

> **nuqDaq 'oH:** cha' panel wavbogh tlhegh; mouse neH yllo'.

> **nuq ta':** Hoch cha' panel wav tlhegh Da'uchlaHbogh: tlhegh DavIHmoHtaHvIS, choH ghItlhmey tlnghach.

38. layout ghItlhmeH mode

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+L`; ⋮ → **Layout** → **Draw Layout...**; menu bar → **Layout** → **Draw Layout...**. toolbarDaq ra' DalanlaH (⋮ → **Customise Toolbar** → **Draw layout**, ml' 154); motlh toolbarDaq tu'lu'be'.

> **nuq ta':** Hoch ghItlh taDmoH: mIllogh moj Hoch ghItlh. yIntaHbogh viewmey So', vaj DungDaq DaghItlhlaH. tlhegh Dungvo' blngDaq DaghItlhchugh, panel wav: poS 'ay', nIH 'ay' je. tlhegh poSvo' nIHDaq DaghItlhchugh, panel wav: Dung 'ay', blng 'ay' je. Hoch HeHDaq ✕ nargh; ✕ DaHotchugh, wa' panel moj cha' panel.

patmey: desktop neH.

39. layoutmey luchenmoHlu'pu'bogh

> **nuqDaq 'oH:** menu bar → **Layout**; pagh ⋮ → **Layout**: **Single Pane**, **Two Columns**, **Two Rows**, **Grid 2×2**.

> **nuq ta':** wa'logh layout chenmoHlu'pu'bogh lo'; Hoch tab ngu'wl' pol. loS layoutvaD shortcutmey DanoblaH (**Single pane**, **Two columns**, **Two rows**, **Grid 2×2**); motlh shortcut ghajbe'.

patmey: desktop. Qumwl'Daq, veH 'oH cha' panel'e', vaj narghbe' ra'mey.

40. panel ylSoQmoH

> **nuqDaq 'oH:** `Ctrl/Cmd+Alt+W`; menu bar → **Layout** → **Close Pane**; ⋮ → **Layout** → **Close Panel**. Qumwl'Daq: ⋮ nav → **Workspaces and layout** → **Close panel**.

> **nuq ta':** panel buSlu'bogh SoQmoH. tabmeyDaj luwoDlu'be': Sumbogh panelDaq luvlHmoHlu'.

41. panelmey ml' permey

> **nuqDaq 'oH:** tab strip poS DopDaq, wa' panel neH tu'lu'be'Dl'.

> **nuq ta':** ml' ghajbogh permey: per DaHotDl', panelvetlhDaq focus vlHmoH. latlh ngu'wl' lo'chugh panel, per teb ngu'wl'vetlh color.

E. ngu'wl'mey, vummeH Daqmey je

42. profilemey (lengmeH ngu'wl'mey)

> **nuqDaq 'oH:** ⋮ → **Profiles**: submenu 'oH; **This panel browses as** (profilemey tetlh), **Split Right As...**, **Manage Profiles...** je ghaj. submenu rap: ⋮ → **Layout** → **This Panel Is...**. toolbarDaq color ghajbogh per (cha'DIch profile tu'lu'DI', nargh). pongmey DachoHmeH: SeHlaw → **Profiles & workspaces**. QumwI'Daq: ⋮ nav → **Privacy and identity** → **Profiles**.

> **nuq ta':** cookie, storage, login je ghom 'oH profile'e'; latlh profilemeyvo' wavlu'. panelvaD profile Danobchugh, Daq rap cha'logh DapoSmoHlaH, wa' panel latlh retlhDaq, 'ej cha' ghot pIm rur Da'ellaH. SIbI' latlh profile lo'bogh panel chu' poSmoH **Split Right As...**. Hoch profile chenmoHlu'DI', pong color je ghajpu'; colorvetlh DaleghDI', profile DaSovlaH, DalaDbe'taHvIS: color ghaj panel HeH, Hoch tabDaq ngutlh mach je. profilemey panelDaq (**Manage Profiles...**): profile DachenmoHmeH, **New profile**; panelvaD DanobmeH, **Use here**; profileDaq extensionmey DaQapmoHmeH, **Run extensions in this profile** (ml' 141); DaQaw'meH, **Remove**.

patmey: desktop. QumwI'Daq profilemey lutu'lu', 'ach Hoch workspacevaD ngu'wI' DawIv, Hoch panelvaD DawIvbe'.

43. profile De' yIQaw'

> **nuqDaq 'oH:** ⋮ → **Profiles** → **Manage Profiles...**, profile tlhegh → **Sign out of everything**. Qaw'ghach rap, wIvmey law' je: «leng De' yIQaw'» (ml' 58), **Current profile** DawIvDI'.

> **nuq ta':** profile cookie storage je chImmoH, 'ach profile Qaw'be'; vaj ratlh ngu'wI', 'ach Hoch Daq 'ellu'pu'bogh lIjlu'. SIbI' Qap; Da'ol 'e' tlhobbe': **Signed out** moj leQ.

44. workspace (vummeH Daqmey)

> **nuqDaq 'oH:** ⋮ → **Workspaces**: submenu 'oH; **This window is showing** (workspacemey tetlh), **Move This Tab To...**, **Manage Workspaces...** je ghaj. tetlh rap poSmoH tab strip poS DopDaq color ghajbogh per (cha'DIch workspace tu'lu'DI', nargh). pongmey DachoHmeH: SeHlaw → **Profiles & workspaces**. QumwI'Daq: ⋮ nav → **Workspaces and layout** → **Workspaces**.

> **nuq ta':** accountmey wav profile; latlh Hoch wav workspace: tabmeyDaj, panelmey layout, qunDaj, qawHaqDaj, downloadmeyDaj, DaqmeyvaD Danobpu'bogh jangmey je. profile *lo*' workspace; vaj account rap lo'laH cha' workspace, poQlu'chugh. panelDaq (**Manage Workspaces...**): workspace DachenmoHmeH, **New workspace**; DaQaw'meH, **Remove**: **remove** DaghItlh 'e' tlhob, ghIq tabmeyDaj SoQmoH 'ej qunDaj Qaw'.

45. workspace ngu'wl' yIchoH

> **nuqDaq 'oH:** ⋮ → **Workspaces** → **Manage Workspaces...**, workspace tlhegh → **Browses as**.

> **nuq ta':** workspace lengmeH profile choH. URL rapDaq tabmeyDaj lupoSqa'moHlu', ngu'wl' chu' lo'lu'taHvIS: ngu'wl' Dalo'pu'bogh cookiemey lungeHlu'be'; account DachoHDI', ngeHghachvam botnISlu'. ja' Hoch tlhegh je: workspacevetlhDaq Qap'a' extensionmey? (**runs the extensions** pagh **no extensions here**).

46. jInmolmey (Qorwaghmey lupollu'pu'bogh)

> **nuqDaq 'oH:** ⋮ → **Projects...**; toolbarDaq DalanlaH. Qumwl'Daq: ⋮ nav → **Workspaces and layout** → **Projects**.

> **nuq ta':** Qorwagh layout pong — ghItlhmey, ghItlhmey ngaSbogh panelmey, Hoch panel ngu'wl' je — 'ej poQlu'DI', layoutvetlh poSqa'moH, QorwaghDajDaq; Qu' DaruchtaHbogh nuQbe'. **Save this window** nob panel; Hoch jInmolvaD: **Open**, **Update**, **Rename**, **Delete** je.

47. private ghu'

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+N`; menu bar → **File** → **New private window**. Qumwl'Daq: ⋮ nav → **New private tab**. QaptaHvIS, toolbarDaq nargh **Private** per.

> **nuq ta':** ghu' ngaj 'oH, tabmey law' lo'bogh; tab "nov rur" rurbe'. pa' qaSbogh wanI'mey qonbe' qun, qawHaq, session cheghmoHghach, jInmolmey, sync, tab ngeHghach je. 'ej: tetlhDaq ratlhbe' downloadmey; private tab SIbI'Ha' DacheghmoHlaHbe'; 'ej DaqmeyvaD Lightning ngu'wl' nobbe' Ciotto ('elmeH, WebLN Nostr je lo'meH ghap). ghItlh DapolDI', DaprintDI', mIllogh DaqonDI' je, wa'DIch Da'ol 'e' tlhob Ciotto; private ghu' Hur ratlhmo' filevetlh.

patmey: desktop, Android, iOS je. AndroidDaq, profilemey luwavlu'pu'bogh lo'laHbogh pat WebView poQlu'; pagh, private ghu' tu'lu'be'.

48. Qaghmo' Ciotto SoQpu'DI': session cheghmoHghach

> **nuqDaq 'oH:** Qorwagh DungDaq narghbogh bar: Qaghmo' Ciotto SoQpu'DI', wa'DIch Ciotto DapoSmoHDI'; poSmoHghach mode **Continue where you left off** 'oHchugh neH (mI' 2).

> **nuq ta':** DalengtaHvIS session pol Ciotto; vaj Qaghmo' Ciotto SoQpu'DI', nIteb chegh Qorwaghmey. cheghpu'bogh tabmey mI' ja' bar (**Ciotto closed unexpectedly last time — 5 tabs have been restored.**); **OK** DaHotDI' SoQ. wa'logh neH QIn 'anglu': QIn tlhobbogh Qorwagh wa'DIchDaq. latlh poSmoHghach mode DawIvchugh, pagh cheghmoHlu'.

patmey: desktop neH.

49. Qu'mey SeHwI'

> **nuqDaq 'oH:** SeHlaw → **Tabs & performance**; 'ay' bIngDaq **Task manager** 'aplo'.

> **nuq ta':** desktopDaq, browser processmey tetlh 'ang; Hoch processvaD qawHaq teH, CPU teH je 'ang. AndroidDaq iOSDaq je, tab yIn Dotlh neH ja'; Hoch ghItlhvaD juvlu'bogh mI'mey 'angbe'mo' WebView.

F. qun, qawHaq je

50. qun: poH tlhegh

> **nuqDaq 'oH:** `Ctrl+H` (macOSDaq `Cmd+Y`); menu bar → **History** → **Show Full History**; ⋮ → **History** → **Show Full History**. Qumwl'Daq: ⋮ nav → **Page** → **History**.

> **nuq ta':** ghItlhmey DaSuchpu'bogh tetlh 'ang, Doch Qav wa'DIch. ghommoH Ciotto: Hoch jajvaD ghom, ghIq Hoch leng sessionvaD ghom (**Timeline** view). DanejlaH, 'ej Doch Hoch DateqlaH. De'wI'vamDaq SQLite databaseDaq qun pollu'. view DungDaq lutu'lu' je: **Map** (ml' 51), **Pause recording** (ml' 53), **Clear all** je.

51. leng pu'jIn

> **nuqDaq 'oH:** qun view qoDDaq **Map** tab; sessionDaq **Expand**; sessionDaq **Open map**; poH tlhegh DochDaq **Show path**. He DawIvmeH: **Sideways**, **Downward** je.

> **nuq ta':** Hoch leng qon Ciotto; Hoch lengvaD, mungDaj ghItlh qon je. vaj Sor 'oH session'e': wa'DIch ghItlh, pa' DapoSmoHpu'bogh Hoch Doch, latlh je. link Datlha'chugh, puq chenmoH; URL DaghItlhchugh pagh Danejchugh, Sor chu' tagh. Dacheghchugh 'ej latlh He Datlha'chugh, Sor 'ay' Dalonpu'bogh ratlh, DaqDajDaq.

52. "chay' naDev jIpaw?" ghItlhvamvo'

> **nuqDaq 'oH:** ⋮ → **History** → **Show This Page on the Map**; toolbarDaq DalanlaH (⋮ → **Customise Toolbar** → **Map of this page**), shortcut DanoblaH je. Qumwl'Daq: ⋮ nav → **Page** → **Map of this page**. menu bar **History** menuDaq tu'lu'be'.

> **nuq ta':** pu'jIn poSmoH; pu'jIn botlhDaq ghItlh DaleghtaHbogh tu'lu'. poH tlheghDaq DanejnISbe'.

53. qun qonghach ylyevmoH

> **nuqDaq 'oH:** menu bar → **History** → **Pause History**; ⋮ → **History** → **Pause History**; qun viewDaq **Pause recording** / **Resume recording** leQ; shortcut DanoblaH.

> **nuq ta':** qonbe'choH Ciotto, 'ach Dochmey luqonlu'pu'bogh So'be'. yevtaHvIS, qawHaqvaD ghItlhmey mu'mey qonbe' je, **Remember This Page Now** Dalo'chugh je. yev Dotlh pollu', 'ej Ciotto taghqa'DI' ratlh; qun viewDaq, qon yevlu' 'e' qawmoH tlhegh.

54. qun Dochmey DawIvbogh ylQaw'

> **nuqDaq 'oH:** qun view: **Timeline** DochDaq ⨯ (**Remove … from history**), **Clear all** leQ je. poH 'ay' DaQaw'meH: «leng De' ylQaw'» (ml' 58).

> **nuq ta':** nIteb pagh Qaw' Ciotto. reH SoH DaQaw': wa' Doch neH; poH 'ay' (rep Qav, 24 rep Qav, 7 jaj Qav, 4 Hogh Qav); pagh workspace qun naQ (SIbI' Qap **Clear all**; Da'ol 'e' tlhobbe'). ghItlh Such Hoch DaQaw'pu'DI', ghItlh mu'mey luqawlu'pu'bogh, nejmeH indexDaq Doch je luteqlu'. Qaw'lu'pu'DI', index machmoHlu', 'ej Daq tlhabmoHlu'pu'bogh nobHa'lu'; vaj bytemey luQaw'lu'bejpu'.

55. qawHaq: chu'ghach, chaw' jIH je

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+H`; menu bar → **History** → **Search What You Read…**; ⋮ → **History** → **Search What You Read…**; **Remember what you read (Memory)** leQ: SeHlaw → **AI & automations** je. QumwI'Daq: ⋮ nav → **Page** → **Search what you read**.

> **nuq ta':** latlh Dopvo' yu'lu'bogh qun rap 'oH qawHaq'e': "nuqDaq jIghoSpu'?" Daghelbe', 'ach "API DIlmeH Huch bopbogh ghItlh, cha' Hogh ret vIlaDpu'bogh" Danej. **Dachu'pa', Qotlhlu'**, 'ej Qotlhlu'taHvIS, chaw' jIH *'oH* view'e'. mu'mey ngeD lo'taHvIS, ja' jIH: Dochmey lupollu'bogh, Dochmey lupollu'be'bogh, De'wI'vo' mejbogh Dochmey, Hoch DaqIlmeH mIw je. **Turn on Browser Memory**, **Not now** je ghaj.

56. qawHaq: nuq qonlu', nuq reH qonlu'be'

> **nuqDaq 'oH:** nIteb Qap; chaw' jIHDaq chutmey luja'lu'. Datlhobchugh, ghItlh DaleghtaHbogh qon ⋮ → **History** → **Remember This Page Now** (QumwI'Daq: ⋮ nav → **Page** → **Remember this page now**). Doch tu'lu'bogh ghItlhHomDaq: **Forget this page**, **Never remember this site** je.

> **nuq ta':** ghItlh choHbe'choHpu'DI', loS lup ghIq ghItlh laD Ciotto, 'ach tab ratlhtaHchugh neH: vaj redirectmey, interstitialmey, ghItlhmey SIbI' Damejpu'bogh je 'elbe'. **reH pollu'be'**: pegh mu' field ghajbogh ghItlh Hoch (bank, webmail, vu'meH panel, Qel Daq); 'elmeH DIlmeH ghap URL Hoch; 200 ngutlh ghajbe'bogh ghItlh Hoch; private Qorwaghvo' «nov» tabvo' ghap Doch Hoch; 'ej qun yevtaHvIS, pagh Doch, Datlhobchugh je. Daq Da'elpu'bogh, pegh mu' field 'angbe'; vaj **Never remember this site** tu'lu'.

57. qawHaq: nej, nab DachoHlaHbogh lo'taHvIS

> **nuqDaq 'oH:** qawHaq viewDaq nejmeH field; bIngDaq nargh nab permey.

> **nuq ta':** De'wI'vamDaq neH nej Ciotto; DaH workspace Dalo'bogh qoDDaq, ghItlhmey DalaDpu'bogh neH nej. DaghItlhbogh mu'mey laD Ciotto, 'ej **nab** chenmoH — mu'mey potlh, Huch veH, poH, ghItlh Segh — 'ej nab permey 'ang; wa' per DateqlaH, ghIq latlh. "300 euro bIng DaSmey qIj" DaghItlhchugh, permey 'ang Ciotto: DaS · qIj · 300 € bIng; 'ej filter teH 'oH Huch

> veH'e', rurghach 'oHbe'. Doch tu'lu'bogh ghItlhHomDaq, 'em tabDaq ghItlh poSqa'moH **Open in a background tab**.

58. leng De' yIQaw'

> **nuqDaq 'oH:** SeHlaw → **Privacy & security** → **Clear browsing data**, Hubwl' tetlh DungDaq; ghItlhvetlh poSmoH `Ctrl/Cmd+Shift+Delete`. AndroidDaq iOSDaq je tu'lu' je.

> **nuq ta':** wej 'ay' ghajbogh mIw 'oH. wa'DIch, chuq: **Current workspace** (qun, download tetlh, Daq chaw'mey Dawuqpu'bogh) pagh **Current profile** (cookiemey sessionmey je, Daq storage, cache filemey, pegh mu'mey lupollu'pu'bogh). cha'DIch, poH: rep Qav, 24 rep Qav, 7 jaj Qav, 4 Hogh Qav, reH ghap; qun download tetlh je neH: poH DawIvlaH; latlh Seghmey naQ luQaw'lu'. wejDIch, Seghmey: Hoch SeghvaD, Qaw'lu'bogh Dochmey mI' 'anglu'. pagh wIvlu'pu'. **reH filemey luSuqlu'pu'bogh Qaw'be'**; tetlhDaq Dochmeychaj neH Qaw'.

G. vummeH janmey

59. nejmeH nabmey

nuqDaq 'oH: ⋮ → **History** → **Scheduled Research...**; toolbarDaq DalanlaH. 'ach nejmeH nab Dapolpu'DI', toolbarDaq nargh leQ, Dalanbe'chugh je. Qumwl'Daq: ⋮ nav → **Page** → **Scheduled research**.

nuq ta': DaghelqaʼtaHbogh Doch — ghol, Huch, ghItlh DaloStaHbogh — nejqaʼ Ciotto, poH DawIvbogh: Hoch rep, Hoch jav rep, Hoch jaj, Hoch Hogh ghap. Hoch nejmeH nab **wa' nejwl', nejwl'mey law' ghap** lo'; 'ej Dochmey lutu'lu'bogh ghommoH Ciotto: ghItlh'e' tu'bogh cha' nejwl', wa' node neH 'oH. nejwl'mey'e' laDlaHbogh Ciotto, ghot SeHbe'taHvIS, neH luchuplu'.

60. nejmeH nabmey, Qorwagh SoQtaHvIS je

nuqDaq 'oH: Scheduled Research panel, **Keep searching after the window is closed** wIv. desktop neH.

nuq ta': motlh, Ciotto SoQDI' nejbe'choH. wIvvam DawIvchugh, system trayDaq ratlh app, 'ej poH nab pab. system trayDaq icon: QaptaH Ciotto 'e' 'ang, 'ej Ciotto DaSoQmoHmeH Dalo'. Datlhobpa', Qotlhlu'.

61. URL tetlh yIpoSmoH

nuqDaq 'oH: ⋮ → **Tools** → **Open a List of URLs...**; toolbarDaq DalanlaH. Qumwl'Daq: ⋮ nav → **Tools** → **Open a list of URLs**.

nuq ta': waʼlogh chaʼmaH URL laj; chaʼmaHlogh address bar DaghoSnISbe'. **'em tabmey moj, wa' ghIq latlh; poH DawIvbogh loS** (waʼ lupvoʼ waʼ tupDaq DawIvlaH; veb poHvaD qawluʼ). veH 'oH vatlh URL'e': vatlh URL juSbogh tetlh peʼluʼ; 'e' jaʼ Ciotto. poSmoHtaHvIS Ciotto, toolbar leQ Daloʼchugh DamevmoHlaH (**Hold**, **Resume**, **Stop**).

62. ghItlhvo' DawIvbogh mu'meyvo' ghap URLmey tIboS

nuqDaq 'oH: panel rap, **Links on this page**, **In your selection** je leQmey. ghItlh context menuDaq je: **Open the Links in This Selection...** (mu'mey DawIvpu'chugh), **Open Every Link on This Page...** je.

nuq ta': panel 'emDaq ghItlh linkmey boS, pagh mu'mey DawIvpu'bogh linkmey boS. mu'mey DawIvpu'boghDaq, mu'mey neH rur ghItlhlu'bogh URLmey ghov je. qatlh? ghu'mey law'qu'Daq, URL tetlh chat QIn 'oH, pagh link Hutlhbogh ngoq 'ay' 'oH. cha' leQ: wa' DaHotDI', latlh leQ Dochmey **tam**; chelbe'. DaghItlhpu'bogh mu'mey ratlh.

63. Hoch tab poS yIghel

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+A`; ghItlh context menu → **Ask Every Open Tab...**; mu'mey DawIvpu'chugh, **Ask Your Tabs About This...** je; ⋮ → **Tools** → **Ask Your Tabs...**; menu bar → **View** → **Ask Your Tabs...**; toolbarDaq DalanlaH. QumwI'Daq: ⋮ nav → **Tools** → **Ask your tabs**.

> **nuq ta':** wa'logh neH Daghel, 'ej Qorwagh tabmey Hoch Daghel. Hoch tab tetlh 'ang panel; Hoch tabvaD checkbox, chelmeH poQlu'bogh mI' je. laDmeH pagh ngaSbogh ghItlhmey luteqlu'be'; tetlhDaq Hurgh ghItlhmeyvetlh. AI sidebarDaq jang Ciotto, ja'chuq 'ay' latlh rur; panel mI'mey lo'taHvIS, `[pagina 3]` ja'.

64. ngeHpa' tInghach juvwI'

> **nuqDaq 'oH: Ask your tabs** panel ngeHmeH leQ DungDaq.

> **nuq ta':** pagh DangeHpa', tInghach juv, model DawIvpu'bogh ngaSlaHbogh tInghach je. ngaSlaHbe'chugh model, **ngeHQo'**; chup Ciotto (wa'DIch, DIlmeH puS poQbogh mIw): mIllogh tIteq; ghItlhmey 'ughqu' checkbox yIteq; Hoch ghItlhvaD mu'mey puS yIngeH; pagh Daq law' ghajbogh model yIlo'. mI'mey 'ang Ciotto, 'ej pupbe' mI'mey 'e' ja'.

65. tabvam SIbI'Ha' yIcheghmoH

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+S`; tabDaq nIH leQ → **Bring This Tab Back Later...**; menu bar → **File** → **Bring This Tab Back Later...**; loStaHbogh tabmey tetlh: ⋮ → **Tools** → **Tabs Coming Back...**. Doch loStaHchugh, toolbarDaq nargh leQ. QumwI'Daq: ⋮ nav → **Tools** → **Tabs coming back**.

> **nuq ta':** favorite Dop latlh 'oH. **DaH SoQ** tab, 'ej loStaHbogh wanI' qaSDI', chegh: poH (**In three hours**, **This evening**, **Tomorrow morning**, **This weekend**, **Next week**, rep DawIvbogh ghap); chut (Hoch DaSjaj, Hut rep; Hoch jar jaj wa'DIch); pagh **veb Daq DawIvbogh DaSuchDI'**. 'em tab rur chegh; leQDaq ngutlh mach nargh, 'ej QIn 'anglu' (DaQotlhlaH). tab ngaQ, private tab, «nov» tab, Ciotto ghItlh ghap SIbI'Ha' DacheghmoHlaHbe'; lajQo'DI' Ciotto, meq QIj.

66. loStaHbogh tabmey, Qorwagh SoQtaHvIS

> **nuqDaq 'oH: Tabs Coming Back** panel: **Keep waiting after the window is closed**; Qorwagh tu'lu'be'DI' Ciotto vangmeH wIv je.

> **nuq ta':** system trayDaq Ciotto pol, Qorwagh poS tu'lu'be'DI' je tab cheghmeH. pat poSmoHmeH programmey chelbe'; De'wI' taghqa'DI', loSbe'choH. poH pawDI', Qorwagh tu'lu'be'chugh, DawIvlaH: veb QorwaghvaD tab pol; tabvaD Qorwagh chu' poSmoH; pagh Duja' neH.

67. favorite, laDmeH tetlh je

> **nuqDaq 'oH:** address barDaq Hov mach (wa'DIch DaHotDI', workspace favoriteDaq ghItlh pol; cha'DIch DaHotDI', **Folder**, **Manage favorites...**, **Remove** je poSmoH); `Ctrl/Cmd+D` (**Bookmark this page**); ⋮ → **Favorites and reading list**: **Open saved items**, **Save as favorite**, **Add to reading list** je (Hoch Doch: **Current workspace** pagh **Personal**); **Saved items** ghItlh poSmoH toolbar favorite leQ `Ctrl/Cmd+Shift+O` je. Qumwl'Daq: ⋮ nav → **Page** → **Favorites and reading list**; ghItlh DaleghtaHbogh DapolmeH, **Page** → **Save page...**.

> **nuq ta':** wa' polmeH Daq neH 'oH, cha' Doch SeghvaD: **favorite**, **laDmeH tetlh** je. Dochmey tlhegh lan; DanejlaH; folderDaq DalanlaH. chuq ghaj Hoch Doch: **SoHvaD** (Hoch DaqDaq Dutlha') pagh **workspacevaD** (workspacevetlhDaq ratlh); tlheghDaq **Personal** / **Workspace** leQ DaHotchugh, chuq choH. folder qoDDaq folder DachenmoHmeH, pongDaq `/` ylghItlh (Qu'/je'wl'pu'). Dochmey DavIHmoHlaH, pagh He leQmey Dalo'laH; laDmeH tetlh Doch DalaDpu' 'e' Daja'meH, **Read** ylHot.

68. Doch pollu'pu'bogh offline copy

> **nuqDaq 'oH: Saved items** view → **Reading list**; tlheghDaq **Offline** ra'. laDwl'Daq copy poS; **Delete copy**, **Close** je ghaj laDwl'.

> **nuq ta':** laDmeH tetlh ghItlh copy pol, DalaDlaHbogh: laDmeH mode rur Say'moHlu' (script, form, Hop mIllogh je Hutlh); So'lu', 'ej profile rarlu'. vaj Daq ngabchugh je, Doch DalaDlaH. copy DachenmoHmeH, tabDaq ghItlh poSnIS; «nov» tabvo' DachenmoHlaHbe'. latlh janmeyDaq offline copymey **reH lungeHlu'be'**.

69. laDmeH mode (Reader)

> **nuqDaq 'oH:** ⋮ → **Page** → **Reader mode** (chu'lu'DI', **Exit Reader mode** moj); shortcut DanoblaH. Qumwl'Daq: ⋮ nav → **Page** → **Reader mode**; motlh nom vangmeH leQ 'oH je.

> **nuq ta':** ghItlh Say'moH: ghItlh HeH Dochmey teq, 'ej DalaDlaHbogh mIw 'ang. QaplaHbogh ngoq, formmey je teq; DalaDtaHbogh Daq qaw; 'ej nIteb qawHaqDaq pagh qon.

70. media SeHmeH leQmey, Picture in Picture je

> **nuqDaq 'oH:** toolbarDaq ♪ leQ (tab wab chenmoHtaHvIS pagh tammoHlu'taHvIS neH tu'lu'); ⋮ → **Tools** → **Media controls**; tabDaq nIH leQ → **Picture in Picture**. Qumwl'Daq: tab ylHottaH → **Picture in Picture**, **Mute tab** je.

> **nuq ta':** wa' panelDaq (**Media**), Hoch tabmeyDaq wab chenmoHbogh Dochmey boS: **Play**, **Pause**, wa'maH lup tlhopDaq 'emDaq je Sup, **Mute**, **PiP** je; PiP lo'lu'DI', Qorwagh machDaq video lan Ciotto, reH latlh Qorwaghmey DungDaq — pat QaHlaHchugh. desktopDaq, Ciotto Dalo'taHvIS 'ej wab chenmoHtaHvIS vay', jang keyboard media leQmey je: Play/Pause, Stop je.

> media laDbe' Ciotto: ra'mey'e' 'angbogh ghItlh neH lo'. Qumwl'Daq panel tu'lu'be': pat SeHmeH leQmey Dalo'nIS, QapmoHmeH, SupmeH je.

71. ghItlhvaD notes

> **nuqDaq 'oH:** toolbarDaq **Notes for this page** leQ, reH tu'lu'bogh; pagh ⋮ → **Notes** → **Notes for This Page** / **All Notes**; toolbarDaq DalanlaH, shortcut DanoblaH je (motlh shortcut ghajbe'). Qumwl'Daq: ⋮ nav → **Page** → **Notes for this page** / **All notes**.

> **nuq ta': ghItlh retlhDaq notes nav** poSmoH, nIHDaq bIngDaq ghap (Dawlv: panel nachDaq **Dock notes to the side**, **Dock notes below** je leQmey lutu'lu', 'ej wIvIlj qawlu'). **ghItlh So'be' nav; ghItlh machmoH**: DaghItlhtaHvIS, yIntaH ghItlh, 'ej DalenglaH. latlh panelmey rurbe': ghItlhmey taDmoH latlh panelmey, mIllogh moj ghItlhmey, ghItlhmey DungDaq ratlhmeH. DaghItlhtaHvIS, nIteb pol nav.

> **URL** rar nav, tab rarbe': ghItlhvetlh DacheghDI', chegh nav, latlh QorwaghDaq veb Hogh je. URL polpa' Ciotto, URL Say'moH — `#ancora` teq, 'elmeH De' teq, ghoqmeH ngoqmey teq (`utm_source` rur) — vaj ghItlh rap, newslettervo' favoritevo' je DaghoSchugh, wa' nav neH lo'; 'ach `?id=99`, `?id=100` je: cha' ghItlh pIm bIH, 'ej teH 'oH.

> panel bIngDaq, **Also noted on this site** bIngDaq, **Daq rapDaq notes ghajbogh latlh ghItlhmey** lutu'lu': `pippo.com/prodotti` Daleghchugh, `/servizi` `/contatti` je notes DaghItlhpu' 'e' Dalegh, 'ej wa'logh DaHotDI', pa' DaghoS. Hoch notes boSbogh ghItlh poSmoH **All Notes**: **Hoch DaqvaD ghom**, 'ej mu'mey qoD nejmeH laH ghaj. **Qumwl'Daq**, reH bIngDaq ratlh nav: jIH mach, 'ej retlh panelvaD Daq noblaHchugh, ghItlh teqnIS.

> **sync:** SeghDaj ghaj notes, **Page notes**, sync Seghmey qoDDaq (mI' 127); qun rur, **motlh Qotlhlu'**. meq: DochIlj 'oH note'e'. 'ach notes DaghItlhpu'bogh ghItlhmey tetlh'e' DalaDpu'bogh ghItlhmey tetlh 'oH, 'ej tetlhvam 'anglu' 'e' laj pagh ghot. janmeylljDaq Daqeng 'e' potlh, 'ach Datlhobpa' reH qenglu'be'.

H. macro, automation je

72. Macro Studio

> **nuqDaq 'oH:** ⋮ → **Macros** → **Manage Macros…**; SeHlaw → **AI & automations** → **Open Macro Studio…**; shortcut DanoblaH. Ciotto ghItlh rur, tabDaq poS. QumwI'Daq: ⋮ nav → **Tools** → **Macros**.

> **nuq ta':** browserDaq Qu' Data'pu'bogh, De'wI'vamDaq flowchart moj; DanuDlaH, branchmey DachellaH, DaQapqa'moHlaH je. poS DopDaq macromey tetlh (filtermey **All**, **Scheduled here** je); AI step ngaSbogh macrovaD **AI** per; Qaghmey ghajbogh macrovaD **needs fixing** per; QapmoHghach Qav Dotlh je. botlhDaq flowchart: **Add a step** (menu 'oH; nejmeH laH Seghmey je ghaj: Page, Browser, Control, AI, Data, Finish), choHghach qIlmeH mIw, choHghach ta'qa'meH mIw je, **?** (node DungDaq mouse DavIHmoHDI', node QIj), **Guide** je. nIH DopDaq node DawIvpu'bogh De', pagh macro SeHlaw wIvmey, 'ay'meyDaq lughommoHlu'bogh. choHmey nIteb pol Ciotto (**Saving…** / **Saved**). macro model lo''a'? Qaprup'a'? DawIvbe': wuq stepmey'e' ngaSbogh macro. app De' folderDaq, De'wI'vamDaq, macromey lupollu'; macro ghItlhmeH mIwDaq, JavaScript DaneHbogh, veH HutlhbogH loop je tu'lu'be'.

patmey: macro DachenmoHmeH DachoHmeH je: desktop, Android, iOS je. qonghach (mI' 73): desktop neH. QumwI'Daq, step Seghmey puS neH luQapmoHlu' (mI' 74).

73. macro ylqon

> **nuqDaq 'oH:** ⋮ → **Macros** → **New Recording**, ghIq **Pause Recording** / **Resume Recording** / **Stop and Save Recording**; Macro Studio qoDDaq ● **Record** leQ, **Compact record Faithful record** je wIvmeH Daq retlhDaq. qontaHvIS, toolbar 'aplo' 'ang: pong, qonmeH mIw (**Compact** / **Faithful**; DaHotlaH), **Pause** / **Resume**, **Stop** je.

> **nuq ta':** Data'bogh Doch qon. **mach** modeDaq, click potlh qon, 'ej fieldmeyDaq choHmey ghommoH; **matlh** modeDaq, keyboard leQ ghommey, scroll potlh je qon je. qontaHvIS, mode DachoHlaH. app naQDaq, wa' qonghach wa' QapmoHghach ghap neH Qap. pegh De' ngaSbogh fieldmey (pegh mu'mey, wa'logh lo'meH ngoqmey, card mI'mey, Hung ngoqmey, IBAN): mu'mey luqonlu'be'; pong ghajbogh input moj (mI' 76), 'ej fieldmeyvetlhDaq leQmey DaHotbogh macroDaq luqonlu'be' je. private Qorwaghmeyvo' «nov» tabmeyvo' je pagh qonlu'. URLmey DapoSmoHpu'bogh pol Ciotto: browser chenmoHbogh URL teH, nejwI' DawIvpu'bogh lo'bogh nej je.

patmey: desktop neH.

74. macro yIQapmoH: wa'DIch 'olghach, Dotlh bar je

> **nuqDaq 'oH:** Macro Studio qoDDaq **Run** leQ, ▾ leQ je (**Run options…**); ⋮ → **Macros** Daq macro pong; toolbarDaq macromey lulanlu'pu'bogh; macrovaD shortcut Danobpu'bogh (mI' 152).

> QaptaHvIS, toolbarDaq ghItlh DungDaq tlheghDaq je Dotlh nargh.

> **nuq ta':** pagh Hutlhchugh, SIbI' Qap **Run**. value Hutlhchugh, pagh **Run options...** Dalo'chugh, **wa'DIch 'olghach** poS. ja': macro QapmeH Daq (**Current browser** pagh **Dedicated window**); Hung mIw (**Confirm each action**, **Confirm risky actions**, **Pre-authorized actions**); session profile je; 'elmeH De' ghom model je; DanobnISbogh valuemey je. menu, leQmey lulanlu'pu'bogh, shortcutmey je: rap chut. Qaghbe'chugh 'olghach, Qap macro; pagh, Macro Studio poS, 'ej qay'bogh Doch 'ang. QaptaHvIS, DayevmoHlaH, Daruchqa'moHlaH, DamevmoHlaH je. Da'olnISbogh step, bar 'ang: **Allow once**, **Stop**, Qob Segh je. pItlhDI', ja' tlhegh: QapmoHghach Dotlh; step lujbogh; 'ej De' navDaq ghItlhpu'chugh macro, cellmey mI' Daq je, **Open the sheet** je. AI step Hutlhbogh macromey, pagh AI nobwI'vaD network lulo'be'.

patmey: desktop. AndroidDaq iOSDaq je, QumwI' QapmoHlaHbogh stepmey neH ngaSbogh macromey luQapmoHlu' (URL poSmoHghach, ghItlhvo' laDghach, navDaq ghItlhghach, tab poSmoHghach, wIvghach, SoQmoHghach je, variablemey, conditionmey, mu'mey neHvaD AI extraction AI decision je); latlh macromeyvaD, wa'DIch 'olghach ja' stepmey Hutlhbogh; stepmeyvetlh Supbe'.

75. ghItlhvo' laD; AI nodemey je

> **nuqDaq 'oH:** Macro Studio → **Add a step**: Page SeghDaq **Read from page**; AI SeghDaq **AI extract**, **AI decision**, **AI mini-agent** je.

> **nuq ta': Read from page**: ghItlh Doch laD, model lo'be'taHvIS; 'ej variableDaq pol: mu'mey, field value, link URL, attribute ghap. Doch DawIvmeH, ghItlh poSDaq Doch yI'ang; macro'e' choHbe'bogh ngu'meH De' pol, Daq mI'mey polbe'. laDghach lujlaHchugh, Qagh branchDaq AI extraction chel **Use AI if reading fails**; variable rap ghItlh AI extraction. model lo' wej node Segh: **AI extract** (value lel), **AI decision** (wIvmey luja'lu'pu'bogh wIv), **AI mini-agent** je (ghItlhDaq vang, veH qoDDaq). Hoch node ghu'Daj ghaj (mu'mey, jIH mIllogh, bIH cha' ghap), nobwI'Daj modelDaj je ghaj; mini-agentvaD: janmey luchaw'lu'pu'bogh tetlh, domainmey luchaw'lu'pu'bogh tetlh, ja'chuq 'ay'mey Qu'mey je veH, poH veH je. pegh pollu'pu'bogh, 'elmeH fieldDaq neH ghItlhlaH macro; latlh DaqDaq ghItlh 'e' nID mini-agent, mev macro.

76. macromeyvaD pegh valuemey, 'elmeH De' ghommey je

> **nuqDaq 'oH:** Macro Studio: field tebmeH node De'; macro SeHlaw wIvmeyDaq **Required data** 'ay'; wa'DIch 'olghachDaq **Credential set** wIv, **Save encrypted set** je.

> **nuq ta':** pegh De' ngaSbogh field qonlu'DI', value DaghItlhpu'bogh polbe' macro: **pong ghajbogh input** moj. QapmoHlu'DI' value tlhoblu', pagh **Required data** Daq wa'DIch value DalanlaH (janvamDaq So'lu'taH pegh). 'elmeH De' ghommey lupoQlu'be'bogh, pat keychain lo'taHvIS luSo'lu'. So'meH laH tu'lu'be'chugh, wa' QapmoHghachvaD neH Qapbogh valuemey lulajlu'. LinuxDaq, Hub teH Hutlhbogh keychain (`basic_text`), So'ghach 'oHbe'. QaptaHvIS, Da'olmeH QInmey ja': tugh lo'lu'bogh field variable je.

77. nIteb Qapbogh macromey

> **nuqDaq 'oH:** Macro Studio, macro SeHlaw wIvmey → **Run on a schedule**; tetlhDaq, janvamDaq chu'lu'pu'bogh macromey 'ang **Scheduled here** filter.

> **nuq ta':** macro pollu'pu'bogh QapmoH Ciotto; pagh ghot macro tagh: **Every so often** (veH 'oH 5 tup'e'), pagh **At a time of day**, jajmey DawIvpu'bogh. latlh janmeyDaq macro tlha' chut; QapmoHghach tlha'be'. macro QapmoHmeH DawIvbogh Hoch jan nIteb Dachu'nIS, **Save and activate** lo'taHvIS; vaj Qu' rap cha'logh luta'be' cha' De'wI' rarlu'pu'bogh. nab mevmoH **Pause schedule**. macro Dachu'pa', ghot Hutlhchugh je QaplaHbej macro 'e' 'ol Ciotto: Da'olnISbogh step tu'lu'be'; Qorwagh chu' tu'lu'be'; ngu'wI'vaD nobbogh panel tu'lu'be'; Hoch Qobbogh step chaw'lu'pu'. vay' Qaghchugh, leQ retlhDaq meqmey tetlh nargh. desktopDaq, Qorwagh DaleghlaHbe'bogh qoDDaq Qap macro; **Keep running with no window open** DawIvchugh, Qorwagh Qav DaSoQmoHpu'DI', system trayDaq ratlh Ciotto. **Tell me** Dalo'chugh, Duja'meH poH DawIv: **Never**, **When one fails**, Hoch QapmoHghachDaq ghap (**Every run**). profilellj lo'meH macro DaSeHpu'chugh, accountmeyllj lo' macro, **Allow it to run as the real you** DawIvchugh neH; pagh, wa'logh lo'lu'bogh sessionDaq Qap. SIbI' macro nID **Run it now**. De'wI' chu'Ha'lu'taHvIS QapmoHghachmey luSuplu'chugh, wa'logh neH macro QapmoH Ciotto.

patmey: desktop. AndroidDaq iOSDaq je, 'emDaq QaplaHbe' poH nablu'pu'bogh macro: Ciotto poStaHvIS neH Qap — Ciotto taghDI', Ciotto DacheghDI', pagh 'olmeH poH pawDI' — 'ej QapmoHghach DaleghlaH.

78. De' navmey

> **nuqDaq 'oH:** ⋮ → **Macros** → **Data sheets**; Macro Studio Daq **Write to sheet** step (Data Segh); ⋮ → **Macros** → **Open macro results folder**. Qumwl'Daq: ⋮ nav → **Tools** → **Data sheets**.

> **nuq ta':** macro laDpu'bogh Doch ghItlhmeH Daq 'oH, cell ghIq cell. **Write to sheet** step: nav wIv (pagh **New sheet…** lo'taHvIS nav chu' chenmoH), cell je wIv: **One fixed cell**; tutDaq **Next free row**; pagh **One row per day** — value retlhDaq jaj ghItlh, 'ej DaHjaj tlhegh lughmoH, latlh tlhegh chelbe'. reH peghmey lughItlhlu'be'. navmey 'ang **Data sheets** ghItlh; Hoch cell qaw: cell ghItlhbogh macro, ghItlhlu'DI' poH je; 'ej cell DalughmoHlaH, macro DaHotbe'taHvIS. nav Dapongqa'laH, DachImmoHlaH (**Empty it**), DaQaw'laH, CSV DamojmoHlaH je (**Export as CSV**); formula rurbogh mu'mey, mu'mey neH bIH. desktopDaq, fileDaq nav copy pol je **Also keep it as a file…**; Hoch QapmoHghach, Hoch lughmoHghach je, copy chu'moHlu'. macro chenmoHbogh Dochmey folder poSmoH **Open macro results folder**. navmey sync Segh: motlh Qotlhlu'.

patmey: desktop, Android, iOS je. Qumwl'Daq, file copy, Dochmey folder je lutu'lu'be': CSV DamojmoHDI', file DaSuqlaHbogh nob Ciotto; 'ej folder tam **Data sheets**. sync SeghmeyDaq De' navmey: AndroidDaq iOSDaq je neH (mI' 127).

I. AI boQwI'

79. AI sidebar

> **nuqDaq 'oH:** `Ctrl/Cmd+J`; menu bar → **View** → **Toggle AI Sidebar**; ⋮ → **Tools** → **AI chat**. QumwI'Daq: ⋮ nav → **Tools** → **AI chat**.

> **nuq ta':** ghItlh retlhDaq ja'chuq (**AI assistant**). bIngDaq leQ wuq: Daghel DangeHDI', ghItlh DaleghtaHbogh ngeH je (**Page context on**) pagh ngeHbe' (**Page context off — the page you're on is not sent**). AI jangtaHvIS, mu'mey 'ay' ghIq 'ay' paw; **Stop** DaHotchugh, mev; ja'chuq taghqa' **Clear**. Enter: ngeH; Shift+Enter: tlhegh chu'. main processDaq ratlh ngaQHa'moHwI'mey: reH ngaQHa'moHwI'mey leghbe' interface.

80. AI nobwI'mey, modelmey je

> **nuqDaq 'oH:** toolbarDaq spark icon leQ → **AI provider** panel; ⋮ → **Tools** → **AI provider**; DaH nobwI' DawIvmeH, SeHlaw → **AI & automations** → **AI provider** je. QumwI'Daq: ⋮ nav → **Tools** → **AI provider**.

> **nuq ta': Provider** menu ghaj panel; Hoch nobwI' ngaS, DaSeHpu'bogh pagh DaSeHbe'pu'bogh: Anthropic (Claude), OpenAI, Google Gemini, xAI (Grok), DeepSeek, Mistral, Groq, OpenRouter, Ollama je (De'wI'IljDaq Qap). nobwI' DawIvpu'bogh: Dotlh, ngaQHa'moHwI', **Model** menu, **Use this one** je 'ang. bIngDaq, model'e' lo'bogh boQwI' ja', 'ej **Open the assistant** nob.

81. API ngaQHa'moHwI'mey: chelghach, 'olghach, teqghach je

> **nuqDaq 'oH: AI provider** panel; wa'DIch, **Provider** menuDaq nobwI' ylwIv.

> **nuq ta': API key** fieldDaq ngaQHa'moHwI' yIlan; **Connect** DaHotDI', nobwI'vaD ngaQHa'moHwI' 'ol Ciotto, **polpa'**. vaj ngaQHa'moHwI' Qagh SIbI' DaSov; wa'DIch DaghelDI' DaSovbe'. OpenRoutervaD, 'elmeH mIw DuDevbogh tu'lu' (**Sign in with OpenRouter**, desktop neH). OllamavaD: De'wI'vamDaq service nej **Look for it on this machine**; DachelmeH mIw QIj **How do I install it?**. nobwI' consoleDaq DuDev **Where do I get a key?**; ngaQHa'moHwI' teq **Remove**. main processDaq ratlh ngaQHa'moHwI'mey; keychain ghajbe'chugh De'wI', ngaQHa'moHwI' So'be' Ciotto 'e' ja' panel.

82. ghItlh mughghach

> **nuqDaq 'oH:** ⋮ → **Tools** → **Translate page**, **Show original page** je; mughmeH chupbogh banner, ⋮ → **Tools** → **Offer to translate pages** Dachu'pu'DI' neH nargh (motlh QotlhIu'). QumwI'Daq: ⋮ nav → **Tools**, wej Doch rap ghaj.

> **nuq ta':** ghItlh Hol ghov, 'ej ghItlh mugh, Daqvetlh ratlhtaHvIS ghItlh: mu'mey tam mu'mey lumughlu'pu'bogh, DaqchajDaq; mu'mey DaleghtaHbogh, wa'DIch mughlu'. AI nobwI' DaSeHpu'bogh lo' mughghach — QaQqu' **De'wI'IljDaq Ollama**: DIlnISbe', 'ej janvo' pagh mej. network nobwI' Dalo'chugh, wa'DIch chaw' tlhob Ciotto, ghu'vetlhDaq ghItlh mu'mey mejbejmo'; 'ej Hoch mughghachvaD chaw' tlhob. wa'maH vagh Hol ghovlaH Ciotto: Hoch interface Hol, tlhIngan Hol neH ghovlaHbe'. chupghach chu'lu'chugh, latlh Hol lo'bogh ghItlh DaleghDI', banner nargh: **This page is in … — translate it?**; **Translate**, **Never for this site**, **Dismiss** je ghaj. pagh nobwI' Dalo'chugh, Hol ghov Ciotto je, 'ej **Show me how** chup banner: Ollama chelmeH DevwI' 'oH; tambe' banner. Hoch sessionDaq wa'logh neH nargh. Daqmey DawIvpu'bogh janvamDaq ratlh; Daleghqa'meH: SeHlaw → **Appearance & accessibility** → **Per-site translation**.

patmey: desktop, Android, iOS je.

J. ghogh

83. ghogh ra'mey

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+Space` (wa'logh DaHotchugh, 'Ij Ciotto; cha'DIch DaHotchugh, 'Ijbe'choH); toolbarDaq microphone leQ; ⋮ → **Tools** → **Speak a command**; menu bar → **View** → **Speak a command**. SeHlaw → **AI & automations** → **Voice**. QumwI'Daq: ⋮ nav → **Tools** → **Speak a command**.

> **nuq ta':** Dajatlhbogh mu'tlhegh, browservaD ra' moj: Daq poSmoH pagh vay' nej; tab title Dajatlhchugh, tabvetlhDaq ghoS; shortcutmey tetlhDaq Qu' Hoch («tab yISoQmoH», «yISuqqa'»); boQwI'vaD ghel (sidebarDaq jang naQ paw); ghItlh fieldDaq ghItlhmeH mu'mey. ghogh qonlu'pu'bogh ngeH Ciotto, ghoghvo' ghItlhlaHbogh AI nobwI'Daq, DaSeHpu'bogh — OpenAI, Groq, Google ghap — ngaQHa'moHwI'lIj lo'taHvIS. wa'DIch, nobwI'vetlhvaD chaw' tlhob Ciotto (**Send your voice to be transcribed?**); 'ej pagh qonlu'pu'bogh Doch pol. Dajatlhbogh mu'mey nuD Ciotto, Hoch Ciotto Holmey permey lo'taHvIS nItebHa'; vaj interface Hol rurbe'bogh Hol Dalo'chugh je, Qap ra'. Qorwagh SoQmoHmeH, latlh tabmey SoQmoHmeH, Hoch meQmoHmeH je ra'mey: reH Da'ol 'e' tlhob Ciotto, ghoghvo' pagh **Yes No** je lo'taHvIS; wa'maH lup Dajangbe'chugh, «ghobe'» 'oH. model chenqa'moHpu'bogh ra' — mu'mey lughovlu'be'pu'bogh — Da'olnIS je; panel neH poSmoHchugh, Da'olnISbe'. motlh chu'lu' ghogh (**Speak to Ciotto**); DaQotlhchugh, leQ teqlu', 'ej microphone poSmoHlaHbe' Ciotto. SeHlawDaq ghoghvo' ghItlhbogh nobwI' DawIvlaH je (**Transcribed by**), shortcut DachoHlaH je. rItmeH mu' 'Ijghach 'anglu', 'ach wej Qap.

patmey: desktop, Android, iOS je. QumwI'Daq toolbar leQ tu'lu'be': ⋮ nav yIlo'.

84. ghoghvo' jang Ciotto

> **nuqDaq 'oH:** SeHlaw → **AI & automations** → **Voice**: **Answer out loud**, **Speaking speed**, **Voice** je.

> **nuq ta':** ghogh ra' DajatlhDI', Qoypu'bogh Doch, ta'pu'bogh Doch je ja' Ciotto («Opening wikipedia.org», «Done — …»); vaj jIH DaleghnISbe'. yajbe'chugh, yajbe' 'e' ja'. janDaq ghoghmey luchellu'pu'bogh lo': pagh Suq, 'ej jatlhmeH mu'mey pagh DaqDaq ngeH. Holmey'e' jatlhlaHbogh Ciotto luwuq pat ghoghmey. motlh chu'lu', ghogh rur. jatlhtaHvIS 'Ijbe'; vaj ghelpu'bogh mu'mey'e' janglaHbe'.

patmey: desktop, Android, iOS je. AndroidDaq iOSDaq je, pat jatlhmeH QuQ lo'.

85. ghItlhDaq ghogh Qu'mey

> **nuqDaq 'oH:** ghogh ra' rap; 'ach ra' pong DajatlhnISbe': ghItlhDaq Qu' yIDel («formvam yIteb, addresswIj lo'taHvIS»).

> **nuq ta':** ghItlh vangwI'vaD ghogh Qu' nob. taghpa', Da'ol 'e' tlhob Ciotto. QapmoHghach'e' reH pollu'be'bogh macro 'oH: DaH tab Dalo'bogh Daq rar, vaj latlh DaqDaq ghoSlaHbe'. veHmeyDaj ngaj law', macro DaghItlhbogh veHmey ngaj puS (ja'chuq 'ay'mey puS, Qu'mey puS, cha' tup). click Hoch, leQ Hoch je: Hotpa', chaw' tlhob. «ghobe'» Dajatlhchugh, pa' mev.

patmey: desktop. AndroidDaq iOSDaq je, sidebarDaq boQwI'vaD Qu' nob Ciotto.

K. privacy, Hung je

86. yoD, «What was blocked here» 'aplo' je

> **nuqDaq 'oH:** toolbarDaq yoD icon, Dochmey lubotlu'pu'bogh mI' ghajbogh: SeHlaw → **Privacy & security** poSmoH (mI' 87). nom poSbogh 'aplo': ⋮ → **Privacy and identity** → **What was blocked here**; toolbarDaq DalanlaH je, pong **Privacy and security** lo'taHvIS. QumwI'Daq: ⋮ nav → **Privacy and identity** → **What was blocked here**; motlh nom vangmeH leQ 'oH je.

> **nuq ta':** yoD mI'Daq, Ciotto taghpu'DI' mevmoHlu'pu'bogh Dochmey Hoch mI' tu'lu': ngevmeH QInmey, ghoqwI'mey, ghItlhmey Qob je. qawHaqDaq neH ratlh mI'mey; Hoch Ciotto taghDI', paghvo' tagh mI'mey. nom poSbogh 'aplo' ngaS: loS HubwI' potlh leQmey; Daq DaleghtaHbogh **Show ads on ...** leQ (mI' 89); So'lu'bogh DNS wIv (mI' 93); mI'mey (**Ads**, **Trackers**, **Malware**, **Banners**); 'ej exceptionmey tetlh, Hoch exceptionvaD **Remove** je. HubwI' tetlh naQDaq DuDev **All privacy features** → link. Dotlh rap lulaD yoD, 'aplo', tetlh je; vaj Hoch Doch rap ja'.

87. HubwI' tetlh naQ

> **nuqDaq 'oH:** ⋮ → **Privacy and identity** → **Privacy and Security...**; SeHlaw → **Privacy & security**; toolbarDaq yoD icon. QumwI'Daq: ⋮ nav → **Privacy and identity** → **All privacy features**.

> **nuq ta':** DungDaq: session mI'mey (**Ads blocked**, **Trackers blocked**, **Malware/phishing stopped**, **Cookie banners rejected**); HubwI' tetlhmey Dotlh tlhegh; «leng De' ylQaw'» je (mI' 58). bIngDaq, Hoch HubwI'vaD ghItlhHom, ghommeyDaq (Network, Identity, Data, Downloads): title, tlhegh mach QIjbogh, 'ej DatlhobchugH (**What situation does this protect me from?**), **ghu' teH** DelbogH 'ay' (ghu'vetlh jang HubwI'), 'ach HubwI' mIw DelbeH'. wej chenmoHlu'bogh HubwI'mey'e' lay'bogh ghItlhHom ghajbe'; 'ej HubwI'mey'e' QapmoHlaHbe'bogh pat, lu'anglu'be'. loS HubwI' potlh (**Core**) Qap; latlh HubwI'mey Hoch: Dachu'pa', **luQotlhlu'**.

88. HubmeH tetlhmey luqI'lu'pu'bogh

> **nuqDaq 'oH:** pagh DaSeHnIS; Dotlh DalaDmeH: SeHlaw → **Privacy & security**, mI'mey bIngDaq tlhegh.

> **nuq ta':** Dochmey botnISbogh wuqbogh tetlhmey (ngevmeH QInmey ghoqwI'mey jevaD EasyList EasyPrivacy je; malware phishing jevaD URLhaus OpenPhish je), Ciotto Daqvo' paw, package qI'lu'pu'bogh qoDDaq: filemey tetlh, Hoch file hash je; Ciotto ngoqDaq ghItlhlu'pu'bogh Ed25519 ngaQHa'moHwI' lo'taHvIS qI'lu'pu'. wa' chut neH lo'pa' Ciotto, signature, Hoch hash je 'ol; 'ej package Qav ghajbogh Ciotto juSbe'chugh package chu', lajQo' Ciotto; vaj copy ngo' lo'qa'moHlaHbe' vay'. 'olghach lujchugh, pagh choH: 'ollu'pu'bogh copy Qav lo'taH Ciotto, 'ej meq ja' tlhegh. package ngo' (wa' Hogh juSbogh) lo' Ciotto je, 'ach 'e' ja' tlhegh. Ciotto nobbogh versionmeyDaq, reH tetlhmey luqI'lu'be'pu'bogh lo'be' Ciotto.

patmey: desktop, Android, iOS je.

89. ngevmeH QInmey botghach, ghoqwI'mey botghach je

> **nuqDaq 'oH:** privacy tetlh, ghItlhHom wa'DIch; **What was blocked here** 'aplo'Daq (mI' 86), Daq DaleghtaHbogh **Show ads on ...** leQ, exceptionmey tetlh je.

> **nuq ta':** ngevmeH ghoqmeH je requestmey bot, EasyList EasyPrivacy je lo'taHvIS; Ciotto nobbogh versionmeyDaq, package qI'lu'pu'boghvo' paw tetlhmeyvam. motlh **chu'lu'**. Daqvetlh neHvaD, reH, botghach Qotlh **Show ads on ...** (wejDIch ghommey ngevmeH QInmeyDaj je); latlh Daqmey Hotbe'. exception DateqmeH, leQ rap yIlo', pagh tetlhDaq **Remove** yIHot.

90. HTTPS-only

> **nuqDaq 'oH:** privacy tetlh; wa' DaqvaD exception: yoDvo'.

> **nuq ta':** `https://` moj `http://` leng, De'wI' mejpa'. `https://` Hutlhbejchugh Daq, botghach ghItlh 'ang Ciotto, meq QIjbogh (**Not secure**); connection Qagh tam 'angbe'. wej wIv ghaj: **Go back**; **Continue anyway** (session pItlhpa', `http://` lo'taH Daqvetlh); **Don't block this site again** je (Daqvetlh neHvaD reH exception). exceptionmey DaleghmeH DateqmeH je: **What was blocked here** 'aplo'. Daqmey Qob tetlh (mI' 91), URL nuD, choHlu'pa'; vaj phishing URL `http://` botlu', `https://` lo'taHvIS jangchugh Daq je.

91. janvamDaq malware phishing je tetlh

> **nuqDaq 'oH:** privacy tetlh.

> **nuq ta':** URLhaus OpenPhish je vo' tetlh chenmoHlu'; HubmeH tetlhmey package qI'lu'pu'boghDaq paw, 'ej **De'wI'vamDaq** ratlh: Google Safe Browsing 'oHbe'. vaj tugh DapoSmoHbogh URL, 'olmeH latlh DaqDaq ngeHlu'be' — 'ay' mach je. URL ghItlhqa'pa' Ciotto (`https://` moj, link Say'moH), URL nuD; latlh scheme lo'lu'chugh je, pItlhbogh ngutlh (.) Hutlhchugh je. URL tetlhDaq tu'lu'chugh, leng bot Ciotto, **Dangerous site** ghItlh 'ang. **Continue anyway**: URLvetlh neHvaD wa'logh chaw' 'oH; reH exception mojbe'. tetlh SuqlaHbe'chugh Ciotto, nIDqa': 30 lup ghIq, 2 tup ghIq, 10 tup ghIq, 30 tup ghIq je; Hub Hutlhbogh ghu'Daq veb poH loSbe'. 'ej tetlhmey DotlhDaq Qagh nargh.

92. download ghuHmoHmeH QInmey

> **nuqDaq 'oH:** privacy tetlh; download 'aplo'Daq, download tlhegh bIngDaq nargh QIn.

> **nuq ta':** Hoch downloadvaD, wej Doch nuD Ciotto (Qob tIn wa'DIch). wa'DIch: mungDaj pagh redirectmeyDaj wa' tu'lu''a' janvam malware tetlhDaq? (**Matches a known malware/phishing list**). cha'DIch: ngoq QapmoHlaH'a' file Segh? — installermey, scriptmey, linkmey, latlh je, `.exe`, `.msi`, `.ps1` je vo' `.url`, `.chm`, `.vhdx` jeDaq (**This file type can run code — only open it if you trust the source**). wejDIch: So'be'bogh connectionvo' paw'a'? (**Downloaded over an**

> **insecure connection**). QIn Qob law' Hoch Qob puS nargh. download botbe' Ciotto: diskDaq paw file; 'ach Qob 'e' ja'lu'pu'bogh file, tetlhDaq tu'lu'bogh file ghap DapoSmoHpa', Da'ol 'e' tlhob **Open**. ghuHmoHmeH QInmey DaQotlhchugh, wej QIn nItebHa' Qotlhlu'.

93. So'lu'bogh DNS

> **nuqDaq 'oH:** ⋮ → **Privacy and identity** → **What was blocked here** → **Encrypted DNS**: **Off (system)**, **Cloudflare**, **Quad9** ghap DawIvlaH.

> **nuq ta':** DNS nejmey DNS-over-HTTPS vegh, service DawIvpu'bogh ghoS; pat resolver So'be'bogh lo'be'. motlh Qotlhlu'; 'ej SIbI' Qap wIvIlj, Ciotto Dataghqa'moHbe'taHvIS.

patmey: desktop neH.

94. Daq chaw'mey

> **nuqDaq 'oH:** mIllogh qonwI', microphone, location, notification, clipboard, MIDI janmey, local network ghap tlhobDI' Daq, ghItlh DungDaq nargh bar: **Remember for this site** (motlh wIvlu'), **Block**, **Allow** je ghaj. jangmey Danobpu'bogh Daleghqa'meH: Daq De' 'aplo' (mI' 35).

> **nuq ta':** ghellu'pa', pagh chaw'lu'; 'ej DaqvetlhvaD jang Danobpu'bogh qaw Ciotto. chaw'mey ghaj workspace: latlh workspaceDaq, ghelqa' Ciotto; paghvo' tagh. Daq notification tlhobpa', **Allow** Dajangpa' je, notificationmey luQotlhlu': ghellu'pa', notification 'anglaHbe' ghItlh. 'ach mIllogh qonwI' location jevaD: chaw' Dotlh neH 'olbogh Daq, «chaw'lu'pu'» Dotlh legh; vaj tlhob 'e' mevbe'. 'ach bar Dalo'DI' neH, mIllogh qonwI' location je lo'laH Daq. ghItlh rap chaw' rap law'logh tlhobchugh, wa'logh neH Dughel Ciotto.

patmey: desktop, Android, iOS je. QumwI'Daq, mIllogh qonwI', microphone, location je chaw'mey neH lutlhoblu'; latlh chaw'mey lulajQo'lu'. iOSDaq, location chaw' tlhob pat, Hoch DaqvaD; Ciotto veghbe'.

95. nov rur ylpoSmoH

> **nuqDaq 'oH:** chu'meH: privacy tetlh (**Open as a stranger**); ghIq linkDaq nIH leQ → **Open Link as a Stranger**.

> **nuq ta':** link poSmoH, wa'logh lo'lu'bogh sessionDaq, qawHaqDaq neH ratlhbogh: pagh cookie, pagh qun 'el; 'ej tab DaSoQmoHDI', SIbI' storage Say'moHlu', app pItlhpa'. private ghu' rurbe': tabmey law' lo' private ghu'. «nov» tabDaq, pegh mu'mey lupollu'pu'bogh luchuplu'be'; 'ej pa' chaw'mey Danobpu'bogh qawHaqDaq neH ratlh; workspace chaw'mey Hotbe'. proxy lo'chugh profile (mI' 103), proxy rap lo' tab.

96. filtermey Qapruppa', pagh request

> **nuqDaq 'oH:** privacy tetlh.

> **nuq ta':** Ciotto taghDI', wa' lup cha' lup ghap wej filter tetlhmey luSuqlu' — poHvam SoQmoH HubwI'vam. HubwI'vam chu'lu'chugh, requestmey wa'DIch loS — veH 'oH vagh lup'e' — ngevmeH QIn botwI' malware tetlh je Suqlu'pu'DI' neH ruch. vagh lup ghIq Qaprupbe'chugh, request qIIlu'; HubwI' HutlhbogH request ngeHbe' Ciotto. tetlhmey QaprupDI', nIDqa' Ciotto.

patmey: desktop neH.

97. juH networkDaq ghoSlaHbe' Daqmey

> **nuqDaq 'oH:** privacy tetlh; chaw' tlhobghach rur nargh.

> **nuq ta':** public ghItlh private URLDaq ghoSpa' (`192.168.*`, `10.*`, loopback, link-local, `100.64.0.0/10`, `0.0.0.0`), chaw' tlhob Ciotto; 'em request lo'chugh pagh SIbI' pa' lengchugh je. juH networkDaq DuDevbogh pongmey je: wuqpa' Ciotto, pong yaj; local suffixmey (`.local`, `.lan`, `.home.arpa`...), router motlh lo'bogh pongmey je ghov. ja' tlhobghach: local network jan ghoS 'e' neH Daq. chaw' pong: *local-network*; Hoch originvaD qawlu', mIllogh qonwI' location je rur. ghItlh rap chaw' rap law'logh tlhobchugh, wa'logh neH Dughel Ciotto.

patmey: desktop neH.

98. link Say'

> **nuqDaq 'oH:** privacy tetlh.

> **nuq ta':** ghItlh Suqlu'pa', URLvo' ghoqmeH parametermey luSovlu'bogh teq (`utm_*`, `fbclid`, `gclid`, latlh je). HTTPS-only Qappa' Qap; vaj taghDI', mIr naQ vegh URL Say'.

99. rInbogh chaw'mey

> **nuqDaq 'oH:** privacy tetlh; chaw' tlhobghachDaq, **Remember for this site** retlhDaq nargh wIvmey chu'.

> **nuq ta': Always** retlhDaq, **Just for today** (Dajangpu'DI', 24 rep), **For a week** je (Soch jaj) chel. chaw' rInpu'bogh, reH tlhoblu'be'pu'bogh chaw' rur.

100. cookie bannermey: lulajQo'lu', So'lu'be'

> **nuqDaq 'oH:** privacy tetlh.

> **nuq ta':** ghItlh chaw' SeHwI' ghov, 'ej lajQo'meH leQ teH Hot. banner So'meH mIllogh toj lo'be' Ciotto: ghu'vetlhDaq, chaw' qon Daq, tamtaHvIS. lajQo'meH leQ ghajbe'chugh banner, banner So' Ciotto, pagh Hot; vaj ghel Daq, 'ach jang pagh ghot. bannermey lulajQo'lu'pu'bogh mI' 'ang **Cookie banners rejected**.

patmey: desktop neH.

101. Daqvam vISoQmoHDI', HIIIj

> **nuqDaq 'oH:** chu'meH: privacy tetlh. Daqmey DachelmeH, Hubwl' ghItlhHom bIngDaq **Sites to forget on close** tetlhDaq pongmey tIghItlh; **Add**, **Remove** je lutu'lu'.

> **nuq ta':** Daq DawIvpu'bogh cookie storage je Qaw' (subdomainmey je), QorwaghvetlhDaq tabDaj Qav SoQDI' SIbI'; Qorwagh DaSoQmoHDI', Ciotto DamejDI' je (Damejchugh, Say'moHghach pItlh 'e' loS Ciotto; veH 'oH wej lup'e'). veH ja'lu': latlh DaqDaq Daq rap poStaHchugh, Hub Hutlh — Sovlu', laj Ciotto — 'ach latlh Qorwagh session Qaw'be' Ciotto.

102. privacy ja'meH ghItlh, DalaDlaHbogh

> **nuqDaq 'oH:** chu'meH: privacy tetlh; Hubwl' ghItlhHom bIngDaq ja'meH ghItlh nargh (**Recent activity**).

> **nuq ta':** mu'tlheghmey moj mI'mey. gho rurbogh qonmeH tetlh — laH QotlhIu'chugh, reH ghItlhIu'be'; DaH session neHvaD Qap — Hoch botghach Daq qon, ghoqwl' host je; host'e' ngu' Ciotto, ngoqDajDaq tetlh mach lo'taHvIS (domain→ghom): "nytimes.comDaq, Google, Criteo, Taboola je ghoSbogh 9 request bot Ciotto"; mI' neH 'angbe'.

patmey: desktop neH.

103. Hoch profilevaD mejmeH lojmIt pIm (proxy)

> **nuqDaq 'oH:** chu'meH: privacy tetlh. proxy DaSeHmeH: profilemey panelDaq profile tlhegh (⋮ → **Profiles** → **Manage Profiles...**); field `socks5://host:porta` `http://host:porta` ghap laj; **Test** leQ je tu'lu'.

> **nuq ta':** Hoch profile sessionvaD proxy pIm lo'; vaj network rapvo' pawbe'law' cha' ngu'wl'. **proxy nobbe' Ciotto**; 'e' ja'chu' ghItlhHom. proxy Qapbej 'e' 'olmeH, profilevetlh session lo'taHvIS endpoint teH yu' Test leQ (**Works** pagh **Failed**). proxy Qap je: ghItlhmey WebRTC lo'DI'; profilevetlhvo' poSbogh «nov» tabmeyDaq; tab stripDaq Daq iconmey SuqDI' Ciotto; vaj retlh lojmItvo' mejbe' address teH. proxy chu'lu'chugh, ngutlh mach ghaj toolbar profile per.

patmey: desktop neH.

104. chaw' chu' tlhobbogh extension chu'moHghachmey luyevmoHlu'

> **nuqDaq 'oH:** chu'meH: privacy tetlh. chu'moHghach yevmoHlu'DI', Qorwagh DungDaq nargh chaw'meH bar.

> **nuq ta':** Hoch extension SuqDI' Ciotto, manifest chu' manifest Qav lajlu'pu'bogh je nuD. version rap Suqqa'chugh, pagh qay'. 'ach version chu' chaw' chu' host chu' ghap tlhobchugh (ghoSlaHbe'pu'bogh host), Suqlu'pu'DI' SIbI', **sessionvo' teqlu'**; 'ej bar choHbogh Doch ja'chu' («... updated from 1.2 to 1.3 and now also asks to:»); **Allow this update** DaHotpa', yevtaH. Ciotto taghqa'DI' je, ratlh botghach.

patmey: desktop neH.

105. embedmey, Daja'DI' neH Suqlu'

> **nuqDaq 'oH:** privacy tetlh; Hoch DaqvaD exceptionmey: Hubwl' ghItlhHom bIngDaq **Sites where embeds always load** tetlhDaq tIghItlh.

> **nuq ta':** wejDIch ghom embed (YouTube, X, Instagram, Google Maps), placeholder 'emDaq pol (**Load this … embed?**), placeholder DaHotpa'. Ciotto ghItlhDaq request He choH Ciotto; host teH ghoSbe'qu' request. placeholder DaHotDI', URL teHDaq leng frame rap.

patmey: desktop neH.

106. Daq mI'mey Hutlhbogh mIllogh (ngong)

> **nuqDaq 'oH:** chu'meH: privacy tetlh; ghIq **Hoch DaqvaD, nIteb Dachu'nIS**: Hubwl' ghItlhHom bIngDaq **Sites to strip photo data on** tetlhDaq Daq pong yIghItlh.

> **nuq ta':** ghItlhvo' mejpa' mIllogh (JPEG, WebP ghap), mIllogh ngoq chenqa'moH Ciotto — mIllogh DapoSmoHchugh 'ej Dapolqa'chugh, choHghach rap 'oH — 'ej ngab EXIF De', GPS Daq mI'mey je (tu'lu'chugh). mIllogh laDlaHbe'chugh Ciotto, ngeHghach botbe': mung mIllogh ngeH.

patmey: desktop neH.

107. nov rur Qap macromey

> **nuqDaq 'oH:** chu'meH: privacy tetlh. Hoch macrovaD DawIvmeH: Macro Studio → macro SeHlaw wIvmey → **Safety & session** → **Session** (**Sandbox — runs as a stranger** pagh **Your profile — runs as you**); 'ej Hoch QapmoHghachvaD wIvvam 'ang wa'DIch 'olghach.

> **nuq ta':** Hubwl' chu'lu'chugh, wa'logh lo'lu'bogh sessionDaq Qap macro; tab poSpu'bogh lo'be'. QapmoHghach poSmoHbogh Hoch tab, 'ay' rap lo'; vaj wa' tabDaq 'ellu'chugh, 'elghach lulegh QapmoHghach rap latlh tabmey; Hur, pagh legh. 'ay'vam lo'bogh tab Qav SoQDI', 'ay' Say'moHlu'. ngu'wI'llj poQbejbogh macro: **Your profile — runs as you** yIwIv; 'e' 'ang wa'DIch 'olghach. Hubwl' Qotlhlu'chugh, profile teH lo' Hoch QapmoHghach; 'e' ja' wa'DIch 'olghach. veHmey luja'lu': extension tu'lu'be'; downloadmey ghaj profile wa'DIch.

patmey: desktop neH. QumwI'Daq leQ tu'lu'be': pa', reH tab profile lulo' macromey.

108. timezone voqlu'bogh, fingerprint SuvmeH wab je, Hoch profilevaD (ngong)

> **nuqDaq 'oH:** chu'meH: privacy tetlh; ghItlhHom bIngDaq loS channel nargh: **Canvas noise**, **WebGL noise**, **Audio noise**, **Font measurement noise** je; **On**, **Off** je ghaj Hoch channel. timezone DawIvmeH: profilemey panelDaq profile tlhegh (**Machine's own timezone — e.g. Europe/Berlin** field).

> **nuq ta':** profile tabmey ja'bogh timezone choH; De'wI'vam Hol teH, pat teH je Qochbe'meH. field DachImmoHchugh, De'wI' timezone ratlh; timezone 'oHbe'bogh pong lajQo'lu' (**Not a timezone**). 'ej canvas, WebGL, audio, ngutlh juvghach je ja'bogh Dochmey, wab mach chel; Daq'e' fingerprint chenmoHmeH lo'bogh Dochmey bIH — cookiemey DaQaw'chugh je, ratlh fingerprintvetlh. session naQDaq, wa' DaqvaD wab rap ratlh, vaj ghorbe' ghItlhmey; 'ach Hoch session chu'Daq Hoch profileDaq je choH wab. HubwI' Dachu'DI', loS channel nItebHa' luchu'lu'; 'ach Hoch channel nIteb DaQotlhlaH. **fingerprint naQ Suv 'oHbe'**: jIH tInghach, ngutlh Segh chellu'pu'bogh, latlh Dochmey law'qu' je teH ratlh. Qapbe'chugh, tab choHbe'qu': reH ghItlh ghorbe'.

patmey: desktop neH.

109. Hoch profilevaD cookie So'lu'bogh (ngong)

> **nuqDaq 'oH:** chu'meH: privacy tetlh. profilemey panelDaq profile tlhegh: **Enable encrypted vault**, 'ej pegh mu'tlhegh cha'logh yIghItlh. Ciotto taghDI', **Unlock your vaults** Qorwagh nargh.

> **nuq ta':** profile cookiemey vIHmoH, Chromium polmeH Daq So'be'boghvo'; wa' fileDaq pol, pegh mu'tlhegh DawIvpu'bogh lo'taHvIS So'. Ciotto taghDI', **ngaQ** Hoch profile Hublu'bogh. ngaQHa'moHmeH Qorwagh: Hoch profilevaD pegh mu'tlhegh yIghItlh (**Unlock**, ghIq **Continue to Ciotto**); wa' DaSupchugh, 'elbe'taHvIS Datagh neH, Qob Daghajbe'. jatlh profile tlhegh: **Vault locked — logins not restored.**; 'ej poH Hoch **Unlock** nob. cookiemey 'elghachmey je Hub; Daq storage Hubbe'. **pegh mu'tlhegh DachIlchugh, Hubbogh cookiemey DachIl je**: vaj nablu'pu'. **disable** DaghItlh 'e' tlhob **Disable vault**; master password ngaQ tu'lu'chugh, wa'DIch DangaQHa'moH 'e' tlhob; pegh 'aplo' DaQotlhchugh, profile pegh mu'mey, cardmey, addressmey je luvIHmoHlu'mo'.

patmey: desktop neH.

110. Hoch yImeQmoH

> **nuqDaq 'oH:** ⋮ → **Privacy and identity** → **Burn everything**; toolbarDaq DalanlaH (mI' 154); shortcut DanoblaH (mI' 152), 'ach motlh shortcut ghajbe'. QumwI'Daq: ⋮ nav → **Privacy and identity** → **Burn everything**.

> **nuq ta':** workspace Dalo'bogh Hoch tab SoQmoH — **tabmey ngaQ neH ratlh** — 'ej juH ghItlh chIm 'ang. desktopDaq, wa'DIch ghel (**Close every tab in this environment?**); cha' Doch ja': tabmey SoQ DapoSqa'moHlaH, `Ctrl/Cmd+Shift+T` lo'taHvIS; poS ratlhbogh tabmey ngaQ mI' je. ghel rapDaq, **De' Qaw' je** 'e' chup (**Close and clear this profile’s data**): profile cookiemey, storage, cache je; workspace qun downloadmey je. **Don’t ask again checkbox: DapoSqa'moHlaHbogh bID neHvaD Qap.** De' DaQaw'DI', reH ghel Ciotto. ghelqa'moHmeH leQ: SeHlaw → **Tabs & performance** → **Ask before burning everything**. reH macroDaq ra'vam qonlu'be'; 'ej ghoghvo' Dajatlhchugh, reH Da'ol 'e' tlhob.

patmey: desktop, Android, iOS je. QumwI'Daq, Doch DaHotDI', SIbI' tabmey SoQmoH, ghelbe'; De' DaQaw'meH: «leng De' yIQaw'» (mI' 58).

L. pegh mu'mey, 'elmeH De' je

111. pegh mu'mey lupollu'pu'bogh

> **nuqDaq 'oH:** SeHlaw → **Passwords & autofill**; ⋮ → **Privacy and identity** → **Passwords and autofill**: Daq poSvaD 'elmeH De' pollu'pu'bogh tetlh 'ang, 'ej **Manage passwords...** lo'taHvIS SeHmeH DaqDaq DuDev. Qumwl'Daq: ⋮ nav → **Privacy and identity** → **Passwords and autofill**.

> **nuq ta':** 'elmeH De' pol, **Hoch profilevaD**; pat keychain Hubbogh ngaQHa'moHwl' lo'taHvIS So'lu'. DachelmeH: **Save a login** (HTTPS URLmey, localhost ghap neH); DanejmeH: Daq, lo'wI' pong, per ghap; DachoHmeH: **Edit**; DateqmeH: **Remove**. metadata neH 'ang tetlh (Daq, lo'wI' pong, per); reH pegh mu' 'angbe'. LinuxDaq, keychain tu'lu'bogh Hung ghajbe'chugh, polghach lajQo' Ciotto, 'ej profile pegh 'aplo' Hubwl' Dachu' 'e' tlhob.

112. nIteb tebmeH laH

> **nuqDaq 'oH:** address barDaq ngaQHa'moHwl' icon (**Fill a saved password**): DaqvetlhvaD 'elmeH De' tu'lu'chugh, nargh; ⋮ → **Privacy and identity** → **Passwords and autofill**: Daqvetlh 'elmeH De' tetlh 'ang. Qumwl'Daq: ⋮ nav → **Privacy and identity** → **Passwords and autofill**.

> **nuq ta':** wa'logh neH teb; wa'DIch, frame wa'DIch origin'e' origin pollu'pu'bogh rapchu' 'e' 'ol. **form ngeHbe'**: SoH Da'ol. «nov» tabDaq, 'elmeH De' chuplu'be'.

113. addressmey, DIlmeH cardmey je

> **nuqDaq 'oH:** SeHlaw → **Passwords & autofill**, **Save address Save card** je 'aplo'mey; DatebmeH, address barDaq ghot icon (**Addresses**) ylHot: wa' address card ghap pollu'pu'chugh profile, nargh.

> **nuq ta':** addressmey, ja'chuqmeH De', DIlmeH cardmey je pol; pegh mu'mey ngaQHa'moHwl' rap lo'taHvIS luSo'lu', 'ej ngaQmoHwl' rap lughaj: master password DaSeHpu'chugh, wa' ngaQmoH 'ej latlh ngaQmoH je. address DawIvpu'DI' neH, address teblu'; reH nIteb tebbe'. cardmey tetlh: Qav loS mI' neH 'ang; reH mI' naQ 'angbe'. mI' naQ Da'angmeH (**Show number**), pagh card DatebmeH, master password DaghItlhnIS, **Hoch poH**; master password tu'lu'be'chugh, ruchbe' Ciotto: master password DaSeH 'e' tlhob. reH Hung ngoq tlhoblu'be', pollu'be' je.

patmey: desktop, Android, iOS je.

114. Da'elpu'DI', pegh mu' DapolmeH chup

> **nuqDaq 'oH:** Da'elpu'DI' SIbI', Qorwagh DungDaq narghbogh bar: **Save your password for ... as ...?**; **Save**, **Not now** je ghaj.

nuq ta': 'elmeH form ngeHlu'DI', 'elmeH De' Dapol 'e' chup Ciotto. form ngeH ghItlh; Ciotto ngeHbe'. main processDaq ratlh pegh mu'; token yajlaHbe'bogh vay' lo'taHvIS, pegh mu' Sam Ciotto. private ghu'Daq "nov" tabDaq je, chupghachvam **narghbe'**; 'ej 'elmeH De' pollu'pu'bogh, reH chupqa'be'. QumwI'Daq, ghItlh wa'DIchvo' neH laj Ciotto; 'ej tabvo' origin tlhap, ghItlh ja'bogh Dochvo' tlhapbe': latlh DaqvaD polghach chuplaHbe' wejDIch ghom frame.

115. pegh mu' chenmoHwI'

nuqDaq 'oH: SeHlaw → **Passwords & autofill** → **Save a login**; pegh mu' field retlhDaq **Generate** leQ.

nuq ta': cha'maH ngutlh ghajbogh pegh mu' chenmoH, vay' wIvbe'bogh: DaqDaq DalanlaH, 'ej Qu' rapDaq Dapol.

116. master password, nIteb ngaQmoHmeH laH je

nuqDaq 'oH: SeHlaw → **Passwords & autofill**, **Master password** 'aplo': **Set master password** (veH 'oH chorgh ngutlh'e'; cha'logh yIghItlh), ghIq **Lock now**, **Change**, **Remove**, **Auto-lock** je.

nuq ta': 'elmeH De' ngaQHa'moHwI' ngaQqa'moH — pat keychain Hubpu' ngaQHa'moHwI'vetlh; ngaQmoHwI' rap addressmey cardmey je ngaQmoH. 'ej poH DawIvbogh Ciotto Dalo'be'chugh, nIteb ngaQmoH (**1 minute**, **5 minutes**, **15 minutes**, **1 hour**, **Never** ghap). pegh mu' 'ang pagh copy chenmoHpa' Ciotto, card lo'pa' je, master password DaghItlhqa' 'e' tlhob (mI' 117, mI' 113 je): master password tu'lu'be'chugh, Qu'meyvetlh DaruchlaHbe'. cookie So'ghach Hotbe'; latlh laH 'oH. **DacheghmoHmeH He tu'lu'be'.**

117. pegh mu' yI'ang, copy yIchenmoH

nuqDaq 'oH: SeHlaw → **Passwords & autofill**, 'elmeH De' tlhegh: **Reveal**, **Copy** je.

nuq ta': master password DaghItlhpu'DI' neH, pegh mu' 'anglu' pagh copy chenmoHlu' — Hoch poH. master password tu'lu'be'chugh, taghbe' Qu'; master password DaSeHnIS 'e' QIj Ciotto. DaghItlhDI', pegh 'aplo' ngaQHa'moH je, ngaQpu'chugh. cha'maH lup ghIq ngab pegh mu' 'anglu'pu'bogh; copy chenmoH main process; cha'maH lup ghIq, pegh mu'vetlh ngaStaHchugh clipboard, clipboard chImmoH main process — SeHlaw Qorwagh SoQpu'chugh je. Hoch pegh mu' nItebHa' nobbogh, So'be'bogh He tu'lu'be'.

118. pegh mu'mey Dotlh ja'meH ghItlh

nuqDaq 'oH: SeHlaw → **Passwords & autofill**: 'elmeH De' tetlh DungDaq (**Password health: … weak · … reused**), Hoch tlheghDaq je (**Weak**, **Reused**).

nuq ta': De'wI'vamDaq 'olghach, network lo'be'bogh: profile rapDaq Dochmey law'Daq lo'qa'lu'bogh pegh mu'mey, pegh mu'mey pujbogh je 'ang. qawHaqDaq nuDlu'; ja'meH ghItlh:

> ngu'wI'mey permey je neH ngaS; reH pegh mu'mey, hashmeychaj je ngaSbe'.

119. jav mI' ghajbogh TOTP ngoqmey

> **nuqDaq 'oH:** 'elmeH De' formDaq **TOTP secret or otpauth:// (optional)** field; 'elmeH De' tlheghDaq nargh ngoq, lupmey ratlhbogh je.

> **nuq ta':** DaneHchugh, TOTP pegh pol (base32 ngeD, pagh `otpauth://` URL rur), 'elmeH De' So'lu'bogh qoDDaq; 'ej De'wI'vamDaq jav mI' ghajbogh ngoqmey chenmoH. pegh mu' SeHwI'mey CSV tutmeyvo' pegh 'elmoH je Ciotto.

120. Sovlu'bogh De' nIHghachmey 'olghach

> **nuqDaq 'oH:** SeHlaw → **Passwords & autofill**; tetlh DungDaq **Check for breaches** leQ.

> **nuq ta': DaneHchugh neH, DatlhobchughneH** Qap 'olghachvam: Have I Been Pwned lo', k-anonymity je; SHA-1 hash vagh ngutlh wa'DIch neH mej janvo'; reH pegh mu' mejbe'. Dochmey lutu'lu'bogh: **Breached** per lughaj; 'ej Dochmeyvetlh mI' ja' tlhegh. ngu'wI'mey mI'mey je neH ngaS ja'meH ghItlh.

121. pat passkeymey

> **nuqDaq 'oH:** passkey lo'bogh 'elghach chupDI' Daq, nIteb nargh.

> **nuq ta':** passkey mIwmey: Chromium qoDDaq, Android Credential Manager qoDDaq, Apple 'olmeH servicemey qoDDaq ghap ratlh. **reH Ciotto polmeH DaqDaq, syncDaq je 'elbe' passkey ngaQHa'moHwI'mey pegh.**

M. Lightning ngu'wl'

122. Lightning ngu'wl' yIchenmoH

> **nuqDaq 'oH:** toolbarDaq Lightning icon leQ; ⋮ → **Privacy and identity** → **Lightning Identity**; SeHlaw → **Sync, Lightning & devices** → **Open Lightning...**. QumwI'Daq: ⋮ nav → **Privacy and identity** → **Lightning identity**.

> **nuq ta':** ngaQHa'moHwl' 'oH ngu'wl''e', De'wl'vamDaq chenmoHbogh Ciotto; pagh DaqDaq ngeH Ciotto. ngu'wl'vam lo'laHbogh Daqmey, Dughov, email address pegh mu' je poQbe'taHvIS; 'elmeH WebLN jevaD je, **ngaQHa'moHwl' pIm legh Hoch Daq**; vaj SoH Dangu'meH ja'chuqlaHbe' Daqmey. 'ach wa' neH Nostr pong (npub): Nostr Daq, public ngu'wl' 'oHmo'. naDev Lightning lo'lu' cha' Qu'vaD neH: Daqmey Dughov 'e' QaH; janmeyllj Darar 'e' QaH je. Huch 'aplo' tu'lu'be', Huch tu'lu'be', Datebqa'bogh pagh, DIlghach pagh. panel poSDI', **Create my identity**, **I already have a recovery phrase** je 'ang; ngu'wl' chenmoHlu'pu'DI', ngaQHa'moHwl' Nostr pong je 'ang.

123. wa'maH cha' mu': polghach, cheghmoHghach je

> **nuqDaq 'oH: Lightning identity** panel: **Write down my recovery words** (ghIq **Show my recovery words again**), **I have written them down**, **I already have a recovery phrase Restore** je, **Remove this identity**.

> **nuq ta':** wa'maH cha' mu' 'ang — ngu'wl'vetlhDaq DacheghmeH He wa' neH bIH — 'ej navDaq tIghItlh 'e' tlhob, mIw lugh lo'taHvIS. **I have written them down** DaHotpa', ngu'wl' ghItlhlu'be'pu' 'e' ghuHmoH panel, 'ej toolbar leQDaq ratlh ngutlh mach. poH Hoch mu'mey Daleghqa'laH, **Show my recovery words again** lo'taHvIS; Dughelbe' Ciotto. cheghmoHghach: mu'tlhegh tu'lu'bogh vo' ngu'wl' chenqa'moH; DaghItlhtaHvIS, mu'mey togh Ciotto. Qaw'ghach DaqIllaHbe': wa'maH cha' mu' Daghajbe'chugh, Dughovpu'bogh Hoch Daq, Dughovqa'be'; 'ej Da'olmeH, **remove** DaghItlhnIS.

124. ngu'wl' lo'taHvIS Daq yI'el

> **nuqDaq 'oH:** Lightning 'elghach (LNURL-auth) chupDI' Daq, Qorwagh DungDaq nargh 'olmeH bar: **Sign in to ... with your Lightning identity?**; **Cancel**, **Sign in** je ghaj.

> **nuq ta':** qaD nob Daq; chaw'chu' Danobpu'DI' neH, qaD qI' Ciotto, **Daqvetlh** neHvaD ngaQHa'moHwl' lo'taHvIS. bar Dajangpa', pagh qI'lu'; 'ej cha' tup ghIq, nIteb rIn tlhobghach. Da'elmeH Daq rurbe'bogh ghItlh 'elghach taghchugh, 'e' ja' bar (**Careful: ... opened this login for ...**). wej ngu'wl' tu'lu'be'chugh, DalajDI' chenmoHlu'. private QorwaghmeyDaq, 'elghachvam chuplu'be'.

125. ghItlhmeyvaD WebLN Nostr je

> **nuqDaq 'oH:** bIH lo'bogh ghItlhmeyvaD; Hoch tlhobghach, chaw' poQ: Daq chaw'mey bar rap lo'taHvIS tlhoblu'.

> **nuq ta':** ghItlhmeyvaD cha' interface Sovlu'bogh 'ang — `window.webln`, `window.nostr` je — wa' He neH vegh, SeHlu'bogh. Daq ngaQHa'moHwI', QIn qI'ghach je neH nob WebLN; DIlghach nobbe'. **ngu'wI'llj leghghach, SoH rur qI'ghach je: cha' chaw' pIm bIH**; Qob pIm lughajmo'. ngu'wI' legh 'e' chaw'lu'bogh Daq, vaj qI' 'e' chaw'lu'be'. qI'meH chaw' **Hoch tlhobghachDaq** tlhoblu'; reH qawlu'be'; 'ej qI'lu'taHbogh Doch 'ang bar (QIn, pagh Nostr wanI' Segh, ngaSbogh Doch je); pIq jaj ghajbogh wanI' lajQo'lu'. wej ngu'wI' tu'lu'be'chugh, wa'DIch chaw' DanobDI', ngu'wI' chenmoHlu'. private QorwaghmeyDaq «nov» tabmeyDaq je, interfacemeyvam luchuplu'be'.

N. So'lu'bogh sync, tab ngeHmeH laH je

> **'olwl'pu'vaD QIn:** 'ay'vam ngongmey, cha' Ciotto jan chu'moHlu'pu'bogh poQ. Web app pagh extensionmey lo'bogh ngongmey: companion service Qapbogh, tu'lu'bogh je poQ. wej tu'lu'be'chugh, «QaplaHbe'» per yInob ngongmeyvetlhvaD. pagh ngong Huch poQ: Huch 'aplo', channelmey, DIlghach je ghajbe' Ciotto.

126. sync Dotlh

> **nuqDaq 'oH:** toolbarDaq sync leQ → **Encrypted sync** panel; ⋮ → **Privacy and identity** → **Encrypted sync**; SeHlaw → **Sync, Lightning & devices**. QumwI'Daq: ⋮ nav → **Privacy and identity** → **Encrypted sync**.

> **nuq ta':** 'ay'mey ngaS panel; Datlhobchugh, 'ay' poS: rarghach (mI' 129), **Send this tab**, **What follows you**, **Inbox**, **Tabs from other devices**, **Devices and contacts**, **Connection details** je — pa' DalaDlaH: tabmeyvaD De' tInvaD je lo'lu'bogh transport, jan jangmeH address je. SeHlawDaq, 'ay' rap: Seghmey, janmey tetlh (**Revoke** je), **Sync now** ra' je. tabmey browser De' ghap pol pagh Ciotto server.

127. sync lo'laHbogh De' Seghmey

> **nuqDaq 'oH: Encrypted sync** panel, **What follows you** 'aplo'; leQmey rap: SeHlaw → **Sync, Lightning & devices**.

> **nuq ta':** Hoch Segh nIteb Dachu'laH DaQotlhlaH je. motlh chu'lu': **Remote tabs**, **Workspaces**, **Profile descriptors** (pegh 'oHbe'bogh De' neH), **Projects**, **Favorites and reading list**, **Portable preferences**, **Sanitised macros**. motlh **Qotlhlu'**: **Page notes**, **History**, **Memory**, **Passwords (authorized devices only)**, AndroidDaq iOSDaq je **Data sheets**. Seghmey luQotlhlu'bogh Dachu'meH, checkbox yIlo'; pegh mu'mey: Hoch janvaD chaw' poQlu' je (mI' 137). Seghmey'e' SeHlaHbejbogh jan neH 'ang jan: desktopDaq De' nav Segh tu'lu'be'.

128. reH sync lo'be'bogh Dochmey

> **nuqDaq 'oH:** sync chut 'oH, Hoch janDaq rap; Web app **Portable data** 'aplo'Daq chutvam qawmoH.

> **nuq ta': reH Dochmeyvam ngaSbe'** sync: cheghmoHmeH mu'tlheghmey, ngaQHa'moHwI'mey pegh, cookiemey, Daq storage, passkeymey, AI nobwI'mey tokenmey, proxy 'elmeH De', macro 'elmeH De' valuemey, cookie pegh 'aplo'mey ngaSbogh Dochmey, Dochmey lupollu'pu'bogh offline copymey, filemey luSuqlu'pu'bogh, download tetlh, private sessionmey je. SeghchajDaq neH leng pegh mu'mey, 'ej Hoch janvaD chaw' nIteb poQlu'. wa' exception neH, nablu'pu'bogh,

> DatlhobchughneH: QR lo'bogh session nobghach (rarghach tlha'bogh 'ay') — wa'logh neH, QumwI'lljDaq tab Danobbogh Daq cookiemey storage je qeng.

129. jan ylrar

> **nuqDaq 'oH: Encrypted sync** panel → **Pair a device or contact** → **Invite / QR**; **My device** ylwlv, **Create 10-minute invite** je. wa'DIch rarghach pItlhpu'DI': **Devices and contacts** → **Pair a new device**. latlh janDaq: QumwI'Daq **Receive / Scan**; pagh **Receive**, `ciotto://pair` link yllan, **Verify** je.

> **nuq ta':** invite chenmoH, **wa'logh lo'lu'bogh, qI'lu'pu'bogh je**; wa'maH tup Qap; QR ngoq rur, **Copy invite** lo'taHvIS copy DachenmoHlaHbogh mu'mey rur je. desktopvo' QumwI'Daq: wa'logh QR DaHotlhnIS neH (**Scan this QR once on the new phone, then approve the request here.**); loS QumwI' (**Waiting for approval on the desktop…**), 'ej ghel desktop: **Pairing request** — **Allow … as a device?**; **Allow**, **Reject** je ghaj. latlh ghu'meyDaq, cha' Dop rar: invite Hevbogh ghot chaw', 'ej cheghmeH invite 'ang je; wa'DIch janDaq invitevetlh laDnISlu'. chellu'bogh jan, ngaQHa'moHwI'meyDaj pol, 'ach cheghmoHmeH mu'tlhegh Hevbe'. Lightning ngu'wI' polbogh jan neH, janmey chellaH; jan chellu'pu'bogh, contactmey neH rItlaH. janmey contactmey je Dapongqa'laHbe'.

patmey: mIllogh qonwI' lo'taHvIS QR laDghach: AndroidDaq iOSDaq je neH. desktopDaq, link yllan.

130. QR lo'taHvIS, QumwI'vaD session ylnob

> **nuqDaq 'oH:** desktopDaq: **Encrypted sync** panel → **Invite / QR** (jan rarlu'pu'bogh tu'lu'chugh, 'ay' pong: **Receive or share a Ciotto session**); QumwI'Daq: panel rap → **Receive / Scan**.

> **nuq ta':** De'wI'Daq poSbogh ghItlh, 'elghachDaj je, QumwI'llj rarlu'pu'bogh Daq qeng; latlh tabmey poS je qeng. tab Dalo'bogh, **Duration** (5, 15, 30, 60 tup ghap; motlh 15), cha' tup Qapbogh QR je 'ang **Independent Ciotto session**; QR Dachenqa'moHmeH, **Regenerate QR**. wa'logh DaHotlhDI', ghItlhvetlh Daq cookiemey storage je ngeH Ciotto, So'lu'taHvIS: wa'logh lo'lu'bogh profileDaq lan QumwI', 'ej Ciotto tab latlh rur ghItlh poSmoH; latlh tabmey paw, 'ach 'elghachmeychaj Hutlh. desktopDaq, toolbarDaq nargh **Shared session** SeHwI' Doq: poH ratlhbogh, **stop** je ghaj. DamevmoHDI' pagh poH rInDI', tabvetlh SoQmoH QumwI', 'ej profile Qaw'. QumwI'mey lurarlu'pu'bogh, latlh tabmey pawpu'bogh SoQmoH 'e' tlhob **Close everything on the phone**. ghItlh mIlloghmey, Hop ra'mey je lungeHlu'be'.

patmey: desktopvo' (Windows, macOS, Linux) ngeHlu'; AndroidDaq iOSDaq je Hevlu'. iOSDaq, app Dalo'taHvIS neH pItlh nobghach. Web appDaq extensionmeyDaq je tu'lu'be'.

131. contact ylrar

> **nuqDaq 'oH: Encrypted sync** panel → **Devices and contacts** → **Invite a contact**; wa'DIch rarghach pItlhpa', **Invite / QR** je (**Contact** ylwlv). latlh CiottoDaq: **Receive / Scan** pagh **Receive**.

> **nuq ta':** latlh ghot Darar; Ciotto ngu'wI'Daj ghaj ghotvetlh. cha' Dop rar: invite Hevbogh ghot chaw', 'ej cheghmeH invite 'ang je; wa'DIch janDaq invitevetlh laDnISlu'. tabmey ngeHlaH

> contact, HevlaH je; DapoSmoHpa', **Inbox**Daq ratlh tabmey. 'ach syncllj pagh De' Segh je lo'laHbe'. contact invite lo'taHvIS, janmeylljDaq jan DachellaHbe'.

132. janDaq contactDaq ghap tab yIngeH

> **nuqDaq 'oH: Encrypted sync** panel → **Send this tab**: Hevwl' (**Choose a device or contact**), **Send** pagh **Move**, **Optional message** field je.

> **nuq ta': Send**: tab Dalo'bogh copy ngeH; naDev ratlh tab je. **Move**: tab ngeH, 'ej latlh DopDaq poSmoHlu'DI', naDev tab SoQmoH. janlljDaq DangeHchugh, leng je: DalaDtaHbogh Daq, laDmeH mode, workspace mung je; contactDaq DangeHchugh, URL title je neH. HTTP(S) tabmey neH luchaw'lu'; private tabmey, Stranger tabmey, Ciotto tabmey je lulajQo'lu' (**Private, Stranger and internal tabs cannot be transferred.**). Qotlhlu'chugh Hevwl', janvam tlheghDaq So'lu'taH ngeHghach, 'ej Soch jaj nIteb nIDqa' Ciotto. tab tlha' QIn DaneHbogh (veH 'oH 500 ngutlh'e'), 'ach DaHjaj QIn 'angbe' Hevwl' **Inbox**.

133. pawbogh Dochmey

> **nuqDaq 'oH: Encrypted sync** panel → **Inbox**; title retlhDaq loStaHbogh Dochmey mI'. poSmoHlu'be'bogh Doch tu'lu'taHvIS, ngutlh mach 'ang toolbar leQ; jatlh tooltipDaj: **Encrypted sync — N waiting**.

> **nuq ta': janmeyllj** ngeHbogh tabmey, nIteb poS, desktopDaq QumwI'Daq je, mung workspaceDaq — naDev tu'lu'chugh workspacevetlh. **contactmey** ngeHbogh tabmey, janmeyllj ngeHbogh tabmey poSlaHbe'pu'bogh je, naDev loS (**Tabs from contacts, or trusted-device tabs that could not open automatically, wait here.**): Hoch tabvaD, workspace yIwIv 'ej **Open** yIHot; pagh **Dismiss** yIHot. veH 'oH Soch jaj'e': Doch loStaH. ngeHghach DanIDqa'meH ra' tu'lu'be': nIteb nIDqa' Ciotto; SeHlawDaq **Sync now** DaHotDI' je.

134. latlh janmeyvo' tabmey

> **nuqDaq 'oH: Encrypted sync** panel → **Tabs from other devices**; tab chu' ghItlhDaq, **Tabs from your devices** 'ay' (chu'meH: SeHlaw → **New tab & startup** → **New tab: remote tabs**).

> **nuq ta': janmeyllj**vaD (reH contactmeyvaD ngeHbe'), Hung ghajbogh tabmey poS mIllogh So'lu'bogh ngeH (veH 'oH 500 tab'e'); vaj latlh DaqDaq DalaDtaHbogh Doch DalaDqa'laH. desktopDaq, tetlh DalaDlaH, 'ej wa'logh DaHotDI' Doch DapoSmoH. 'ach QumwI': jan mIllogh wa'DIch HevDI', nIteb tabmeyvetlh poSmoH (**A newly paired phone opens its first snapshot automatically.**); ghIq, tetlh ratlh — DaneHchugh Dalo'. **Remote tabs** Segh Dachu'nIS.

135. Web extension jevaD companion bridge

> **nuqDaq 'oH:** Web app, extension popupmey je: **Lightning companion** wIvwI'.

> **nuq ta':** SIbI' Lightning lulo'be' Web app extensionmey je: Ciotto jan native DawIvchu'pu'bogh vegh. So'lu'pu' QIn; 'ach Cloudflare ghommeH Daq veghpa', cha'DIch 'aplo' Hev. ghommeH Daqvam vay' wIvbe'bogh token lo'; pagh pol, QIn ngaSbogh Doch qonbe' je. jan rur Dararchugh, janmey teH bIH Web app extensionmey je, 'ej Seghmey SeHlaHbogh Hev: Web app: Hoch Segh, notes, De' navmey, pegh mu'mey je Hutlh; extensionmey: tabmey, Dochmey lupollu'pu'bogh je neH.

136. jan yIqll

> **nuqDaq 'oH: Encrypted sync** panel → **Devices and contacts** → **My devices**, **Revoke** ra'; tetlh rap: SeHlaw → **Sync, Lightning & devices**.

> **nuq ta':** tetlhDaq ratlh jan, **revoked** per ghajtaHvIS; 'ej janvetlhvaD tabmey De' je ngeHbe'choH Ciottovam, 'ej janvetlh ngeHbogh Doch lajbe'choH. janvetlh lo'taHvIS session nobghach ruchtaHchugh, SoQ. pegh mu' Segh ngaQHa'moHwI' choHlu', qIllu'pu'bogh janvaD pegh mu'mey luchaw'lu'pu'chugh neH. **jan Hevpu'bogh Dochmey, Hopvo' DaQaw'laHbe'.** DaH veH: jan DaqIlDI', jan Dalo'taHbogh neH Sov; latlh janmeyllj luja'lu'be'; 'ej janmeyvetlh vegh, sync lo'laHtaH jan qIllu'pu'bogh — pa' jan DaqIlpa'.

137. pegh mu'mey sync: cha' chaw' poQlu'

> **nuqDaq 'oH: What follows you** Daq **Passwords (authorized devices only)** Segh; **My devices** Daq Hoch jan bIngDaq **Allow password sync** / **Stop password sync** ra' je.

> **nuq ta':** motlh Dutlha'be' pegh mu'mey. **cha' chaw'** poQlu': Segh yIchu'; jan voqlu'bogh wa' yIchaw' je (**Password sync needs both the local category switch and explicit permission for each trusted device.**). De' ngeHlu'bogh, Segh ngaQHa'moHwI' nIteb lo'; chaw'Daj chIl jan chaw'lu'pu'bogh pagh jan qIllu'DI', ngaQHa'moHwI' choHlu'.

O. Chrome extension

138. Chrome Web Storevo' yIchel

> **nuqDaq 'oH:** menu bar → **Extensions** → **Open Chrome Web Store**; ⋮ → **Extensions** → **Open Chrome Web Store**.

> **nuq ta':** SIbI' Qap Storevo' chelghach: Store yIpoSmoH, chelmeH leQ yIHot (Ciotto qoDDaq, «Add to Ciotto» moj «Add to Chrome»), 'ej ghel Ciotto: **Add "..." to Ciotto?** — Daqmey DaSuchbogh De' lulaDlaH 'ej luchoHlaH extensionmey 'e' qawmoH; **Add extension**, **Cancel** je ghaj. extensionmey luchellu'pu'bogh, app De' folderDaq yIn, 'ej nIteb chu''eghmoH. mI' 104 laH chu'lu'chugh, chaw' chu' tlhobbogh chu'moHghach, Dachaw'pa', yevtaH. extension DachelDI' SIbI', toolbarDaq nIteb narghbe': toolbarDaq DalannIS (mI' 140). extension teqmeH ra' ghajbe' Ciotto: folderDaj yIQaw' (mI' 139), 'ej Ciotto yItaghqa'moH.

patmey: desktop neH (Windows, macOS, Linux): Android iOS je web viewmey, extensionmey ngaSlaHbe'. European UnionDaq, cookie chaw' tlhobbogh tlhoy' 'ang Store; SoH DaveghnIS.

139. unpacked extensionmey

> **nuqDaq 'oH:** menu bar → **Extensions** → **Open Extensions Folder**.

> **nuq ta':** extensionmey ngaSbogh folder poSmoH: pa' `manifest.json` ngaSbogh folder Dalanchugh, 'ej Ciotto Dataghqa'moHchugh, extension Suqlu'. CiottovaD extension DachenmoHmeH mIw 'oH; extension DateqmeH mIw 'oH je.

140. extension leQmey

> **nuqDaq 'oH:** toolbarDaq iconmey: ⋮ → **Customise Toolbar** → **Extensions** lo'taHvIS Dalanpu'bogh extensionmeyvaD neH; latlh Hoch: ⋮ → **Extensions**.

> **nuq ta':** toolbarDaq, extensionmey Dalanpu'bogh iconmey 'ang; toolbar vagh Daq lo' extensionmey, ra'mey, macromey je, nItebHa' (**Pinned to the toolbar — N of 5**); 'ej popupmeychaj poSmoH. Dalanbe'pu'bogh extensionmey DaghoSmeH: ⋮ → **Extensions**; tab Dalo'bogh vangmeH Dochmey tetlh 'ang, 'ej **Open Chrome Web Store** Daq pItlh. leQ ghajbogh extension tu'lu'be'chugh, jatlh: **No extensions with a toolbar button**. app qoDvo' iconmey Suq Ciotto, internetvo' Suqbe'.

141. latlh profilemeyDaq extensionmey

> **nuqDaq 'oH:** ⋮ → **Profiles** → **Manage Profiles...**; pong ghajbogh Hoch profile bIngDaq **Run extensions in this profile** checkbox; Hoch workspace Dotlh ja' workspacemey panel.

> **nuq ta':** reH profile wa'DIchDaq Qap extensionmey. latlh profilevaD, checkbox yIlo'; profilemey chu'vaD, motlh Qotlhlu' (checkbox tu'lu'pa' profilemey luchenmoHlu'pu'bogh: chu'lu' checkbox). Dachu'DI', profilevetlh sessionDaq extensionmey lan Ciotto; DaQotlhDI', teq. DaH qay': profile wa'DIch rurbe'bogh profile ghItlh DaleghtaHvIS, toolbarvo' mej extension iconmey tlhegh — checkbox chu'lu'chugh je.

P. download, file, print je

142. downloadmey, download 'aplo' je

> **nuqDaq 'oH:** `Ctrl/Cmd+Shift+J`; menu bar → **View** → **Downloads**; ⋮ → **Downloads**; download QaptaHvIS, ngutlh mach 'ang ⋮ leQ. QumwI'Daq: ⋮ nav → **Page** → **Downloads**.

> **nuq ta':** filemey luSuqlu'pu'bogh, Qorwagh bIngDaq 'aplo'Daq nargh; 'ej download ruchghach 'ang. pa', DayevmoHlaH, Daruchqa'moHlaH je (**Pause**, **Resume**; desktop neH); × lo'taHvIS DaqIllaH pagh tetlhvo' DateqlaH; **Open** lo'taHvIS DapoSmoHlaH; **Show in folder** lo'taHvIS folderDaq Da'anglaH. workspace Dalo'bogh neH Dochmey pItlhpu'bogh teq **Clear**. ngoq QapmoHlaHbogh file, HTTPS Hutlhbogh connectionvo' Suqlu'pu'bogh file, malware tetlhDaq tu'lu'bogh file ghap: tlheghDaq ghuHmoHlu'. ngoq QapmoHlaHbogh filemeyvaD, tetlhDaq tu'lu'bogh filemeyvaD je, DapoSmoHpa' Da'ol 'e' tlhob **Open**. downloadmey ghaj downloadmey taghbogh workspace profile je; ngu'wI'vetlh 'elghach lulo' downloadmey. **tetlhvo' Doch Dateqchugh, reH diskvo' file Qaw'be'**, Hoch patDaq; Ciotto taghqa'DI' ratlh tetlh — private download tetlh neH ratlhbe'.

143. download folder, ghoch ghelghach je

> **nuqDaq 'oH:** SeHlaw → **Downloads & files**: **Ask where to save each file**, **Download folder** je.

> **nuq ta':** ghelghach QotlhIu'chugh, folder DawIvpu'bogh SIbI' ghoS filemey (folder field DachImmoHchugh, pat folder ghoS). ghelghach chu'lu'chugh, Hoch poH ghoch ghel Ciotto. janvaD wIv 'oH; latlh janmeyDaq DutIha'be'.

144. janvamDaq file yIpoSmoH

> **nuqDaq 'oH:** menu bar → **File** → **Open local file...**; ⋮ → **Page** → **Open local file...**; `Ctrl/Cmd+O`; pagh tab stripDaq toolbarDaq ghap filemey foldermey ghap tIvIHmoH. QumwI'Daq: ⋮ nav → **Page** → **Open local file**.

> **nuq ta':** pat wIvwI' lo'taHvIS file DawIvbogh, tabDaq poSmoH (HTML MHTML je ghItlhmey, PDF, mu'mey). desktopDaq, Hoch file DavIHmoHbogh, tabDaq poS; 'ej folder, DalenglaHbogh tetlh rur poS. diskvo' DapoSmoHbogh ghItlh, webvo' mIlloghmey, stylesheetmey, scriptmey, fontmey je SuqlaH; diskvo' folderDajvo' subfoldermeyDajvo' je neH SuqlaH — pa' filemeyDaj pol ghItlh pollu'pu'bogh. `fetch`, XHR, WebSocket ghap lo'taHvIS jangmey laDlaHbe'; 'aplo'Daq Daq latlh folder ghap lanlaHbe' je: vaj HTML file Suqlu'pu'bogh, disk laDlaHbe', 'ej disk ngaSbogh Doch latlh DaqDaq ngeHlaHbe'.

patmey: vIHmoHghach, janvam ghItlhmey veHmey je: desktop neH; AndroidDaq iOSDaq je, pat wIvwI' yIlo'.

145. ghItlh ylpol

> **nuqDaq 'oH:** menu bar → **File** → **Save page** → **Web archive (MHTML)…** pagh **HTML only…**; ⋮ → **Page** → **Save page**; MHTML archive rur pol `Ctrl/Cmd+S`.

> **nuq ta':** web archive naQ rur (MHTML), pagh HTML neH rur, ghItlh pol. ghoch DawIvchu'pu'DI' neH, file ghItlhlu'. private tab Stranger tab ghapvo', wa'DIch ghuHmoH Ciotto (**This action leaves private browsing.**).

patmey: desktop neH. QumwI'Daq, ⋮ nav **Save page…**: favoriteDaq laDmeH tetlhDaq ghap ghItlh pol (ml' 67).

146. print ylchenmoH

> **nuqDaq 'oH:** `Ctrl/Cmd+P`; menu bar → **File** → **Print page…**; ⋮ → **Page** → **Print page…**. QumwI'Daq: ⋮ nav → **Page** → **Print page**.

> **nuq ta':** desktopDaq, wa'DIch Ciotto print preview poSmoH: PDF leghwI'Daq ghItlh lanlu'pu'bogh 'ang Qorwagh; leQmeyDaj lo'taHvIS print DachenmoH (pat print Qorwagh vegh), pagh PDF DaSuq. QumwI'Daq, SIbI' pat print poSmoH.

147. ghItlh PDF ylmojmoH

> **nuqDaq 'oH:** menu bar → **File** → **Export page as PDF…**; ⋮ → **Page** → **Export page as PDF…**. QumwI'Daq: ⋮ nav → **Page** → **Save or share PDF**.

> **nuq ta':** SIbI' ghItlh PDF chenmoH; print Qorwagh veghbe'. QumwI'Daq, pat share navDaq file nob Ciotto. private tab Stranger tab ghapvo', wa'DIch ghuHmoH Ciotto.

148. Ciotto qoDDaq PDF leghwI'

> **nuqDaq 'oH:** nIteb Qap: PDF link DapoSmoHDI', pagh diskvo' PDF DapoSmoHDI'.

> **nuq ta':** desktopDaq, tabDaq poS PDF, Chromium leghwI' lo'taHvIS; latlh file rur download 'aplo'Daq ratlhbe'. pa', scroll Dalo'laH, DatInmoHlaH, mu'mey DanejlaH, DaprintlaH, DapollaH je.

patmey: iOSDaq, ghItlh qoDDaq PDF Dalegh, pat web view leghwI' lo'taHvIS. AndroidDaq, PDF leghwI'Daj ghajbe' Ciotto: PDF Suqlu', 'ej download 'aplo'Daq **Open** DaHotDI', pat leghwI'Daq poS.

149. ghItlh mIllogh ylqon

> **nuqDaq 'oH:** menu bar → **File** → **Capture page**, pagh ⋮ → **Page** → **Capture page**: **Visible area…**, **Full page…**, **Select area…**, **Copy visible area**, **Copy selected area**. QumwI'Daq: ⋮ nav → **Page** → **Capture visible area**.

> **nuq ta':** ghItlh mIllogh qon: Daq DaleghlaHbogh, ghItlh naQ, 'ay' DawIvbogh ghap. mIllogh PNG fileDaq DapollaH, pagh clipboardDaq copy DachenmoHlaH. 50 megapixel juSchugh ghItlh naQ, mIllogh qonbe' Ciotto: 'e' ja' (**The full page is larger than the 50 megapixel capture limit.**), 'ej **Capture visible area Export PDF** ghap chup. AndroidDaq iOSDaq je, Daq DaleghlaHbogh neH chuplu', 'ej share navDaq nob Ciotto; latlh 'ay'mey pe'laHchu'be'mo' QumwI' web view. Dochmey QaplaHbe'bogh lu'anglu'be'.

150. Daq app rur yIchel

> **nuqDaq 'oH:** ⋮ → **Page** → **Install this site as an app...**; DaSeHmeH: SeHlaw → **Web apps** (**Open**, **Uninstall**). QumwI'Daq: ⋮ nav → **Page** → **Install this site as an app**, **Manage Ciotto apps** je.

> **nuq ta':** Daq manifest lo'taHvIS, **Create Ciotto app Install in system** je chup (**Cancel** je). De'wI'vamDaq Ciotto app chenmoH **Create Ciotto app**; profile DawIvpu'bogh rarlu'taH app: desktopDaq, browser barmey Hutlhbogh Qorwagh rur poS; QumwI'Daq, Ciotto tabDaq poS. manifest chuq DamejDI', browser tabDaq chegh leng. DaHjaj, pat chelghach Hoch patDaq Qapbe': 'e' ja' Ciotto (**No system web-app installer is available here. Create a Ciotto app instead.**); Qapbej 'e' tojbe' Ciotto. private ghu' Stranger tab ghapvo', pagh chellu'.

Q. SeHlaw, chu'moHghachmey, nobmeH mIw je

151. SeHlaw wa'maH loS 'ay'

> **nuqDaq 'oH:** ⋮ → **Settings...**; menu bar → **File** → **Settings...**; `Ctrl/Cmd+,`. Qumwl'Daq: ⋮ nav → **Settings**; jIH naQ lo', 'ej **Done** DaHotDI' SoQ.

> **nuq ta':** Hoch wIvmeyvaD wa' Daq botlh: wa'maH loS 'ay', loS ghomDaq. **You and Ciotto**: *General*, *Appearance & accessibility*, *New tab & startup*, *Search*. **Browsing**: *Tabs & performance*, *Downloads & files*, *Keyboard shortcuts*. **Privacy and identity**: *Privacy & security*, *Passwords & autofill*, *Profiles & workspaces*, *Sync, Lightning & devices*. **Advanced**: *Web apps*, *AI & automations*, *About & updates*. DungDaq, **Search settings** lo'taHvIS 'ay' DaSamlaH, 'ay' pongDaq tu'lu'be'bogh mu'mey Dalo'chugh je (wa' ghu': «ollama» DaghItlhchugh, AI & automationsDaq DuDev). ghajwI'chaj luja' 'op Dochmey: Hol (**Portable across your trusted devices.**), download folder je (**Device-local...**).

152. DachoHlaHbogh keyboard shortcutmey

> **nuqDaq 'oH:** SeHlaw → **Keyboard shortcuts**.

> **nuq ta':** cha' 'ay' ghaj ghItlh: poS DopDaq, leQmey DaHotDI' shortcut DachenmoH (**Build the shortcut**); nIH DopDaq, menuvo' shortcut Qu' DawIv (**Choose the action**). pagh Dapolpa', tu'pu'bogh Doch ja' ghItlh: **Free — nothing uses it yet.**, **Already assigned to ...**, **The system keeps this one for ...** ghap. ghoch: browser Qu', pagh macro pollu'pu'bogh (**Macros** ghom); macro DaQaw'chugh, shortcutDaj nobHa'. bIngDaq, tetlh naQ: **Tabs and windows**, **Navigation**, **This page**, **Privacy and data**, **Panels**, **Layout**, **Application** je 'ay'mey ghaj; **Search actions** lo'taHvIS DanejlaH. ↺ (**Reset to default**), × (**Disable**) je ghaj Hoch tlhegh; bIngDaq, **Reset all to defaults**, **Kept by the system** shortcutmey je lutu'lu', Qu'chaj je. leQmey 'IjtaHvIS field, menu shortcutmey luyevmoHlu'; vaj Ctrl+T DanobmeH Ctrl+T DaHotchugh, 'em QorwaghDaq tab chu' poSbe'.

patmey: desktop neH; Qumwl'Daq 'e' ja' 'ay' (**Keyboard shortcuts are a desktop feature...**).

153. browser De' 'elmoHghach, lelghach je

> **nuqDaq 'oH:** SeHlaw → **General**, **Import and export browser data** 'aplo'; pegh mu'mey lelmeH: SeHlaw → **Passwords & autofill** → **Export passwords**.

> **nuq ta':** HTML, JSON, CSV ghap filevo' De' 'elmoH (**Choose HTML, JSON or CSV**); pagh desktopDaq, De'wI' rapDaq chellu'pu'bogh **Chrome**, **Edge**, **Firefox**, **Safari** ghapvo' SIbI' 'elmoH: bIHvo', favoritemey qun je laD Ciotto (Safarivo', macOSDaq neH, favoritemey neH); 'ach pegh mu'mey nejwI'mey je, file lellu'pu'bogh poQ; vaj So'taHvIS ngaQbogh polmeH Daq copy chenmoHlu'be'. Seghmey: **Favorites and reading list**, **History**, **Passwords**, **Custom search engines** je. Dochmey lupollu'pu'bogh chuq ylwIv (**Saved-item scope**: **Current workspace** pagh

> **Personal**); pegh mu'mey Hevbogh profile ylwlv (**Password destination profile**); ghlq **Import selected** ylHot. **reH cookiemey, sessionmey QaptaHbogh, extensionmey, private De' je 'elmoHbe'.** favoritemey, laDmeH tetlh, qun, nejwl'mey je lel **Export non-sensitive data**. pegh mu'mey nlteb Dalel, master password DaghItlhpu'DI', **Export unencrypted CSV** lo'taHvIS: So'lu'be' file, 'e' ja' ghItlh.

patmey: browsermey luchellu'pu'bogh laDghach: desktop neH; AndroidDaq iOSDaq je, pat wlvwl' lo'taHvIS file Dawlvbogh vo' De' Da'elmoH; pegh mu'mey lelghach tu'lu'be'.

154. toolbarDaq ra'mey lulanlu'pu'bogh

> **nuqDaq 'oH:** ⋮ → **Customise Toolbar**; macrovaD, Macro Studio Daq **Add to header** je.

> **nuq ta':** toolbarDaq Dochmey DalanlaH — veH 'oH vagh Doch'e' —: **Browser commands** (cha'maH vagh ra': tab chu'vo' **Burn everything Page DevTools** jeDaq), **Macros** chu'lu'pu'bogh, **Extensions** je; vaj Qu' Data'qa'taHbogh, wa'logh DaHot neH. DungDaq, Daqmey lulo'lu'bogh ml' ja' menu (**Pinned to the toolbar — N of 5**).

patmey: desktop neH; QumwI'Daq, Qu' rap ghaj ⋮ nav nom vangmeH leQmey.

155. browser wlvlu'pu'bogh

> **nuqDaq 'oH:** juH ghItlhDaq **Make Ciotto my default browser** leQ.

> **nuq ta':** Ciotto lo'taHvIS linkmey poSmoH 'e' tlhob pat. WindowsDaq, appmey luwlvlu'pu'bogh SeHlaw poSmoH; pa' SoH Dawlv. AndroidDaq, browser Qu'vaD pat tlhobghach lo'. iOSDaq, pat SeHlaw poSmoH. browser wlvlu'pu'bogh 'oHpu'chugh Ciotto, ngab leQ; iOSDaq, ratlh leQ: Ciotto Sov 'e' chaw'be' iOS. latlh appvo' link DapoSmoHchugh, tab chu'Daq poS: Ciotto taghDI', Ciotto poStaHvIS je.

156. chu'moHghachmey, release channel je

> **nuqDaq 'oH:** menu bar → **Help** → **Check for Updates...**; ⋮ → **Check for Updates...**; SeHlaw → **About & updates** → **Check for updates**. channel (⋮ → **Release Channel**: **Stable** pagh **Beta (early releases)**; SeHlawDaq **Release channel** je): nlteb chu'moHghach Qapchugh neH nargh. QumwI'Daq: SeHlaw → **About & updates**.

> **nuq ta':** version chu' nej Ciotto. **nlteb** modeDaq (desktop public nobghach), 'emDaq chu'moHghach Suqlu'; 'ej jatlh tlhegh: **Ciotto ... is ready. Restart to update.**; **Restart Now**, **Later** je ghaj. Datlhobchugh neH, chellu'. **ghopvo'** modeDaq — private ngong packagemey mode 'oH, 'ej reH Android iPhone je mode 'oH — 'emDaq pagh Suqlu': Ciotto Daq, version Qav tlhob Ciotto (desktopDaq, Ciotto taghpu'DI' tugh, ghlq Hoch loS rep; QumwI'Daq, Ciotto taghDI', Hoch app DacheghDI' je); 'ej version chu' tu'lu'chugh, Qorwagh DungDaq tlheghDaq 'e' ja' (**Ciotto ... is available.**; **Download**, **Later** je ghaj). SuqmeH ghItlh poSmoH **Download** (ngong packagemeyvaD, Da'elnIS); SoH neH Dachel. version chellu'pu'bogh QaHbe'choH Ciotto 'e'

> ja'chugh Daq, 'e' ja' desktop (**This version of Ciotto (...) is no longer supported.**; **Download the Latest Version**, **Quit** je ghaj), 'ej **Update Ciotto** ghajbogh jlH 'ang QumwI'.

157. 'elnISbogh private nobghach

> **nuqDaq 'oH:** app ra' 'oHbe': ngong packagemey nobmeH mIw 'oH.

> **nuq ta':** private channel chenmoHbogh Dochmey Hoch: Windows x64vaD NSIS installer; macOS ARM64vaD DMG; Linux x64vaD AppImage, .deb je; AndroidvaD APK qI'lu'pu'bogh. iOSvaD, Web appvaD, extensionmeyvaD je, DaSuqlaHbogh pagh Doch chenmoHlu'. chu'moHmeH ra'mey 'angbe' Web app extensionmey je; 'ach iOSDaq, SeHlaw → **About & updates** Daq **Check for updates** tu'lu' (mI' 161). APK signature 'ollaHbe'chugh vay', release lajQo'lu'.

158. packagemeyDaq interface nuDghach botlu'

> **nuqDaq 'oH:** menu bar → **View** → **Toggle Interface DevTools** (chenmoHmeH buildmeyDaq neH tu'lu'). reH tu'lu' **ghItlh** janmey: WindowsDaq LinuxDaq je `F12`, macOSDaq `Alt+Cmd+I` (DachoHlaH, mI' 152); menu bar → **View** → **Toggle Page DevTools**; ⋮ → **Tools** → **Page DevTools**.

> **nuq ta':** QaptaHvIS Ciotto, Ciotto interface nuDghach lajQo' package build; vaj Qapbe'bogh ngoq HubmeH Qu' Data'pu'bogh, QaptaHbogh programDaq cha'logh DaHotchugh, qIllu'be'. 'ach ghItlh DaSuchbogh nuDghach ratlh, choHbe': browser tu'lu'meH meq 'oH.

patmey: AndroidDaq, debug buildmeyDaq neH web view nuDlaH vay'; iOSDaq Qapbe'; QumwI'Daq ghItlh chenmoHmeH janmey lutu'lu'be'.

159. Help menu: De', mung ngoq, pumghach ja'meH ghItlhmey je

> **nuqDaq 'oH:** menu bar → **Help**.

> **nuq ta':** ngaS: **Discover Ciotto**; **About Ciotto** (version, mu'tlhegh «The browser that works for you, with macros, AI and sign-in over Lightning.», GPL-3.0 license, mung ngoq URL je); **Check for Updates...**; **Ciotto Website**; **Get the Source Code**; **Report Crashes** checkbox je. pumghach ja'meH ghItlhmey: Dachu'pa', luQotlhlu'. chu'lu'chugh, De'wI'Daq pumghachmey qon Ciotto; boSmeH service SeHlu'pu'bogh neH ngeHlaH — 'ach DaHjaj, pagh build ghaj servicevetlh. checkbox DaQotlhchugh, veb Ciotto taghDI' Qap.

patmey: desktop neH; macOSDaq, app menuDaq **About Ciotto** tu'lu' je. QumwI'Daq, version chu'moHghachmey je: SeHlaw → **About & updates**.

R. chay' pIm patmey

DaH paqvamDaq laHmey Del: desktopDaq Qapbogh mIw 'oH; naQ law' Hoch naQ puS mIwvetlh. 'ay'vam mI'mey, latlh DaqmeyDaq choHbogh Dochmey Del: laHmey chu' bIHbe' — Hoch patDaq laHmey rap narghmeH mIw bIH, QumwI' interface je.

160. AndroidDaq Ciotto

> **nuqDaq 'oH:** APK qI'lu'pu'boghvo' (direct channel) pagh Play channelvo' chellu'pu'bogh Ciotto app.

> **nuq ta':** browser rap 'oH, 'ach DIr mach ghaj (QumwI' interface bopbogh 'ay' yIlegh, paqvamDaq ghIq). bIngvo' narghbogh nav poSmoH ⋮ leQ; native menumey tam nav. DungDaq: vagh nom vangmeH leQ tlhegh; ghIq **New tab**, **New private tab**, **Reopen closed tab**, loS ghom je — **Page**, **Workspaces and layout**, **Tools**, **Privacy and identity** — 'ej Qav: **Discover Ciotto**, **Settings** je. pa' nargh **Qapbejbogh Dochmey neH**: wej QumwI'Daq lanlu'bogh laH tu'lu'be' — tu'lu'bogh 'ach Qapbe'bogh laH 'oHbe'. wuqmo', tu'lu'be': media SeHmeH leQmey, ghItlh chenmoHmeH janmey, Qorwagh chu', layoutmey luchenmoHlu'pu'bogh, layout ghItlhmeH mode je.

161. iOSDaq Ciotto

> **nuqDaq 'oH:** iPhoneDaq iPadDaq je Ciotto app.

> **nuq ta':** Android DIr mach rap; 'ach WebKit poQbogh choHmey lutu'lu': processmey yevmoHghach pat wuq; native Picture in Picture tu'lu'; app QaptaHvIS neH sync Hev. app yevtaHvIS, So'lu'bogh tlheghDaj pol ngeHwI'. Android rur, Qorwagh chu' tlhobbogh link, tab rapDaq poS; ghItlh ja'chuqmeH 'aplo'mey (`alert`, `confirm`, `prompt`), Daq pong 'ang, Ciotto Hol lo'bogh leQmey je 'ang; app SoQtaHvIS je, paw `ciotto://pair` linkmey. microphone tlhobbogh ghItlh, mIllogh qonwI' tlhob 'e' qaSmoHbe'. location chaw' tlhob WebKit; iOSDaq, tlhobghachvam jonbe' Ciotto.

nobghach QIn: private ngong channelvaD, pagh iOS package chenmoHlu'. 'ach version 'ang SeHlaw → **About & updates**, **Check for updates** je: Daqvo' version Qav laD.

162. QumwI' interface

> **nuqDaq 'oH:** SeHlaw → **Appearance & accessibility** → **Mobile interface**; ⋮ nav DungDaq, nom vangmeH leQ tlhegh; barDaq, tabmey mI' ghajbogh leQ.

> **nuq ta':** Android iOS je DIr mach SeH. bar tabmey je bIngDaq lan **Toolbar position** (**Bottom**; motlh wIvlu'), pagh DungDaq (**Top**); address field qoDDaq ratlh Suqqa'meH leQ. **Swipe gestures on the address bar** (motlh chu'lu') lo'lu'chugh: address barDaq Dop latlhDaq nItlh DavIHmoHchugh, veb tabDaq pagh 'em tabDaq DaghoS (nIHvo' ghItlhlu'bogh HolmeyDaq, He tlhe'lu'); 'ej jIH botlhDaq nItlh DavIHmoHchugh — bIngDaq barchugh, DungDaq; DungDaq

> barchugh, bIngDaq — tabmey tetlh poS. ⋮ nav DungDaq vagh nom vangmeH leQ wIv **Quick actions** (motlh: **Ask your tabs**, **Notes for this page**, **Reader mode**, **Workspaces**, **What was blocked here** je); mIw DawIvmeH He leQmey, **Restore defaults** je ghaj. navDaq, Doch retlhDaq «+» DaHotchugh, Doch chel (**Add … to quick actions**); 'ej nom vangmeH leQ cha' lup DaHottaHchugh, woDmeH 'aplo'Daq DavIHmoHlaH. tabmey tetlh: **Search tabs**, tab chu', private tab, poSqa'moHghach je ghaj; 'ej **Open Inactive** je 'ay'Daq tabmey lan (QongtaHbogh tabmey, tabmey chIm je), permey **Pinned**, **Locked**, **Private**, **Stranger**, **Sleeping**, **Discarded** je ghajtaHvIS. tab DaSoQmoHmeH, × yIHot pagh DopDaq tab yIvIHmoH; tabmey ngaQ neH SoQbe'. tab DaSoQmoHpu'DI', vagh lup nargh **Tab closed**, **Undo** je.

patmey: Android iOS je neH. QumwI'Daq, wa' QorwaghDaq veH 'oH cha' panel'e'; 'ej Hoch workspacevaD profile DawIv, Hoch panelvaD DawIvbe'.

163. Web companion app

> **nuqDaq 'oH:** 'elnISbogh Web ghItlh; Hoch browserDaq DapoSmoHlaH.

> **nuq ta': browser 'oHbe'**: syncvaD jup 'oH. Dotlh Seghmey je 'ang. janmey contactmey je DararlaH (**Invite my device**, **Invite a contact**, **Verify and pair**); pawbogh Dochmey DalaDlaH; latlh janmey tabmey DaleghlaH; Dochmey lupollu'pu'bogh 'ej sync lo'bogh DalaDlaH; 'ej wIvmey lengbogh DachoHlaH (theme, Hol, Home leQ, favorites bar). rarlu'pu'bogh peervaD app ghItlh URL ngeH **Send a copy**: copy neH 'oH, 'ej QIn Hutlh. naDev reH pawbe' 'elmeH De' ngaQHa'moHwI'mey; offline copymey pawbe' je.

164. Chromium, Firefox, Safari jevaD Ciotto extensionmey

> **nuqDaq 'oH:** latlh browserDaq chellu'pu'bogh Ciotto extension popup.

> **nuq ta':** Ciotto qo'Daq tab DaqengmeH popup mach 'oH: native companion veghtaHvIS, janDaq contactDaq ghap tab Dalo'bogh ngeH (**Send this tab**); favoriteDaq laDmeH tetlhIjDaq ghap tab pol (**Save favorite**, **Read later**); pawbogh Dochmey, latlh janmey tabmey, Dochmey lupollu'pu'bogh sync lo'bogh je 'ang; 'ej invite lo'taHvIS Darar 'e' chaw'. extension ngaSbogh browser address bar, tab ghommey, downloadmey, Hung 'olghachmey je **tambe'**; 'ej pegh mu'mey bopbogh chaw' tlhobbe'. chaw'mey tlhob: `tabs`, `storage`, `alarms` je (ChromiumDaq `offscreen` je); Hoch http https je URL lo'meH chaw' je tlhob.

165. nobmeH Daq

> **nuqDaq 'oH:** Ciotto public Daq.

> **nuq ta':** Ciotto Del, 'ej SuqmeH linkmey, private channel 'elnISbogh ghItlh je ngaS. **reH browser QapmeH Daq mojbe'**: DaqDaq Qapbogh Ciotto version 'oHbe'.

ciotto.orgvo' Ciotto DaSuqlaH; pa' latlh HolmeyDaq paqvam Datu' je.