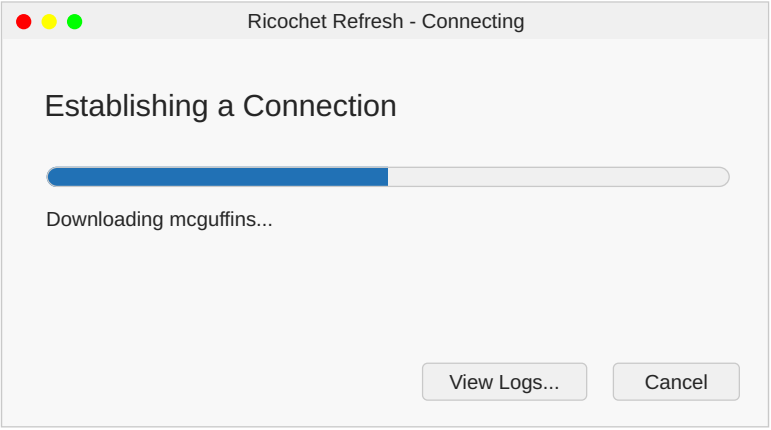


We will try to follow a desktop-ified version of Tor Browser's [about:torconnect](#) page here

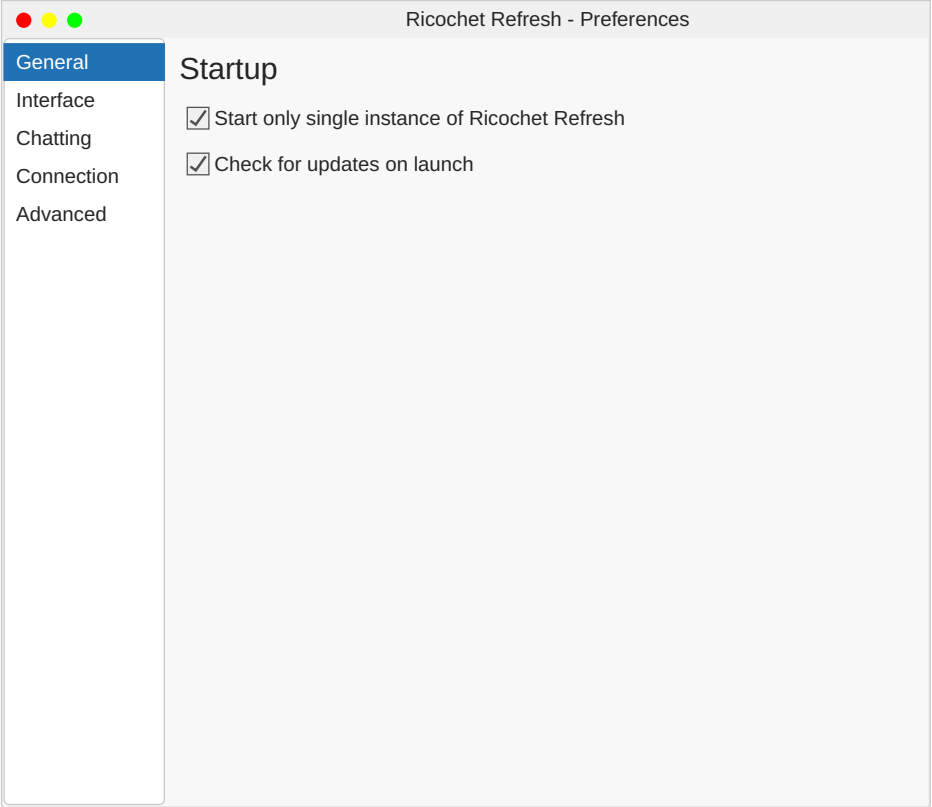
Configure opens a separate preferences window

Connect begins bootstrapping tor



Jump to the Tor
logs section of
the preferences
page

Cancel current
bootstrap attempt



Ricochet Refresh - Preferences

General

Interface

Chatting

Connection

Advanced

Language

Select interface language:

English (en-US)

Toolbars

Button style:

Icon only

Alerts

☒ Show desktop notifications

☒ Blink taskbar icon

☒ Enable audio notifications

Tray Icon

☒ Minimize to system tray

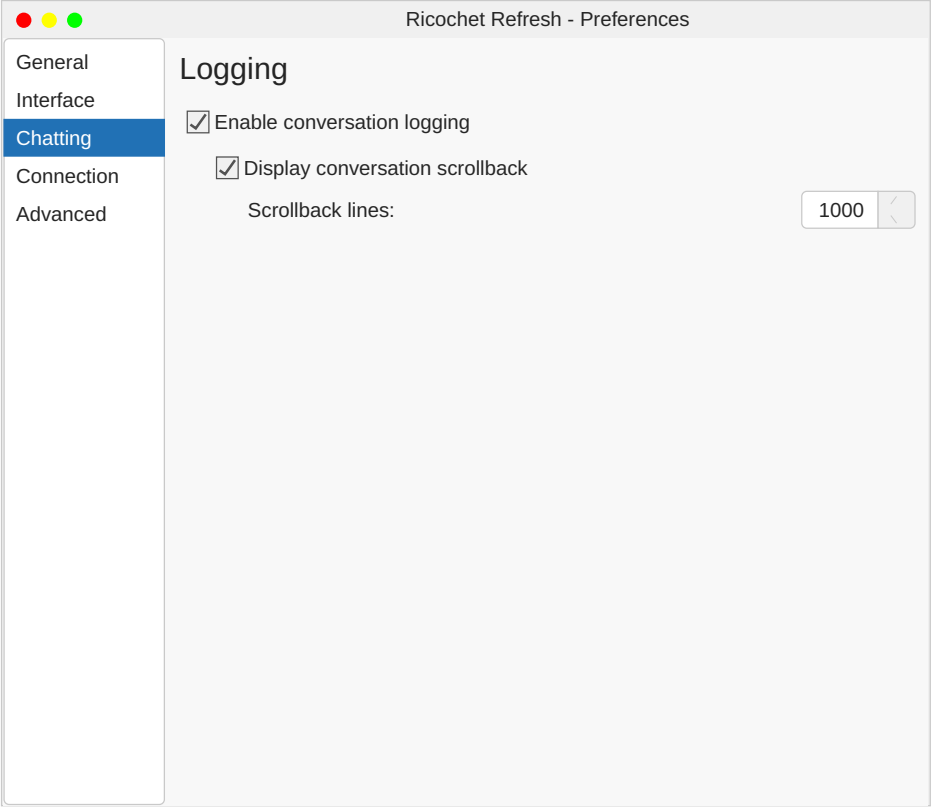
☒ Close to system tray

Languages sorted by language code

- Icon only

- Text only

- Text beside icon



TODO: chat
formatting options?
timestamp options?

General

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Ricochet Refresh - Preferences

Quickstart

Quickstart connects Ricochet Refresh to the Tor Network automatically when launched, based on your last used connection settings

☒ Always connect automatically

Bridges

Bridges help you securely access the Tor Network in places where Tor is blocked. Depending on where you are, one bridge may work better than another

☒ Use Bridges

Add bridges

☒ Chose from one of Ricochet Refresh's built-in bridges

☒ obfs4

Makes your Tor traffic look like random data. May not work in heavily censored regions.

☐ Snowflake

Routes your connection through Snowflake proxies to make it look like you're placing a video call, for example.

☐ meek-azure

Makes it look like you're connected to a Microsoft website, instead of

This tab will be left blank or somehow disabled if configured to use TOR_FRIENDLY_APPLICATION whatever for system tor

Add bridges region collapses if Use bridges is not ticked

Mirrors the network settings portion of Tor Browser's about:preferences

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using Tor. May work in heavily censored regions, but is usually very slow.

☐ Enter bridge addresses you already know

Paste your bridge addresses here

Network Settings

☐ I use a proxy to connect to the internet

Proxy Type

SOCKS5

Address

IP address or hostname

Port

Username

Optional

Password

Optional

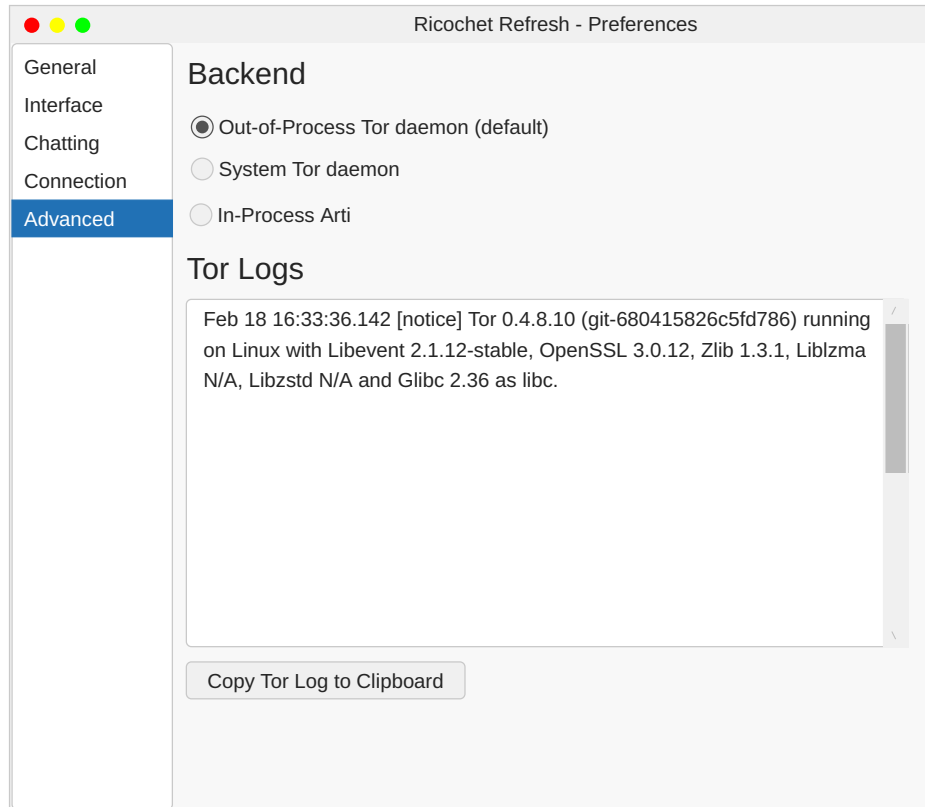
☐ This computer goes through a firewall that only allows connections to

Allowed Ports

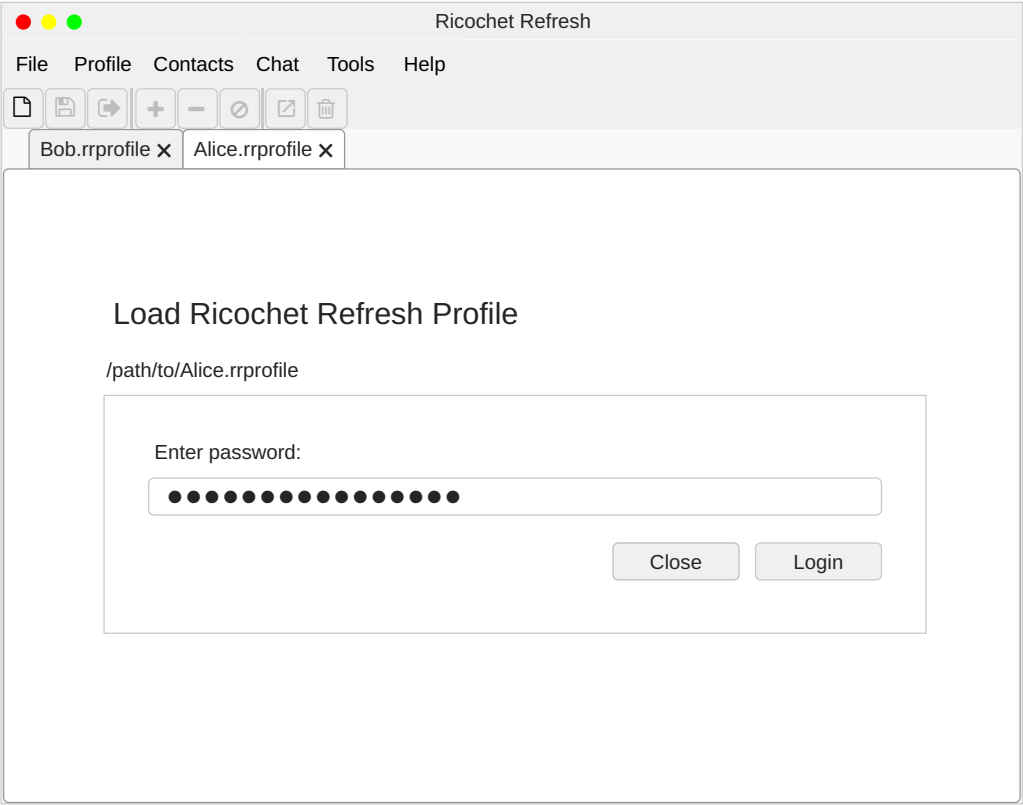
80,443

TODO: Switching backends will require a restart

TODO: should logs be in a separate dialog instead?



TODO: New profile flow



Users will always 'login' into the 'offline' state, they will opt-in to less private visibility states

TODO: not sure we explicitly need a 'Save Profile', the profile will be autosaving. Maybe instead of Save Profile As we should frame it as Backup

- File:
- New Profile
 - Open Profile...
 - Close Profile
 - Save Profile
 - Save Profile As...
 -
 - Logout
 - Logout All Profiles
 -
 - Quit

- Profile:
- Set Visibility >
 - Online
 - Restricted
 - Hidden
 - Copy Ricochet Id
 - Edit Profile...

- Contacts:
- Add Friend...
 - Delete Contact
 - Block Contact
 - Connect/Disconnect Contact
 -
 - Show/Hide Blocked Contacts

TODO: We *could* implement 'shadow-banning' whereby we disable a particular users' endpoint server; trivially detectable though if in Online mode

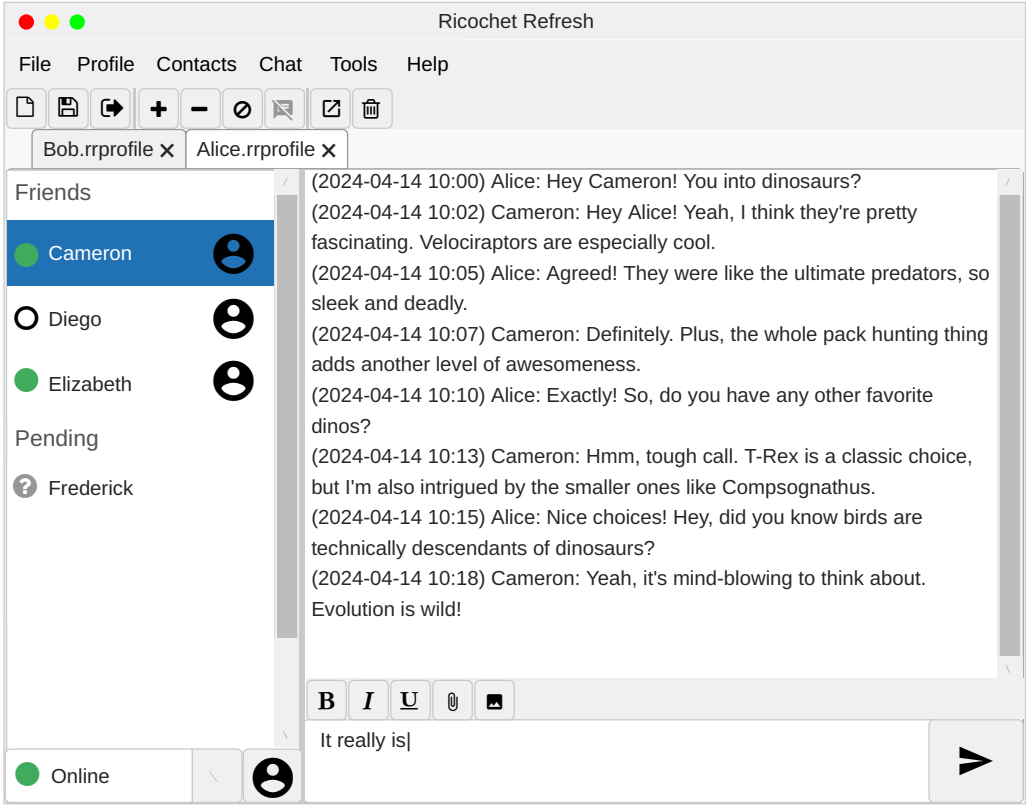
- Chat:
- Export Logs...
 - Delete Logs...
- Tools:
- Downloads
 - Preferences
- Help:
- Manual
 - Licenses
 - Check for Updates...
 - About

TODO: Check for updates dialog

TODO: Downloads dialog

Toolbar: New Profile, Save Profile, Logout | Add Contact, Delete Contact, Block Contact, Connect/Disconnect Contact | Export Logs, Delete Logs

- Hide a conversation by clicking on a user entry again to unselect
- Per-contact context menu will have all the per-contact commands from the Contacts menu



- URLs will never open a browser, only open a context menu with the option to copy the URL to clipboard
- exported conversations should be standardised to avoid leaking user's locale re timestamps, any potential formatting options, etc
- user status (connect/disconnect) messages will appear in chat

TODO: Chat Thumbnail and Image UI; images should have be optionally spoiler'd and have text descriptions

TODO: Chat Attachment UI

TODO: Incoming Friend Request flow

Visibility Modes:

- Online - identity and endpoint servers are enabled
- Restricted - endpoint servers are enabled
- Hidden - no endpoints enabled, but outgoing connections can occur

NOTE: Online should really communicate 'most risk', users can be cyberstalked if they always stay in Online mode

Profile button:

- Open a dialog where user can:
- get Ricochet id
- set display name
- set profile image
- set profile info
- w/e else metadata users opt into

TODO: Edit profile dialog

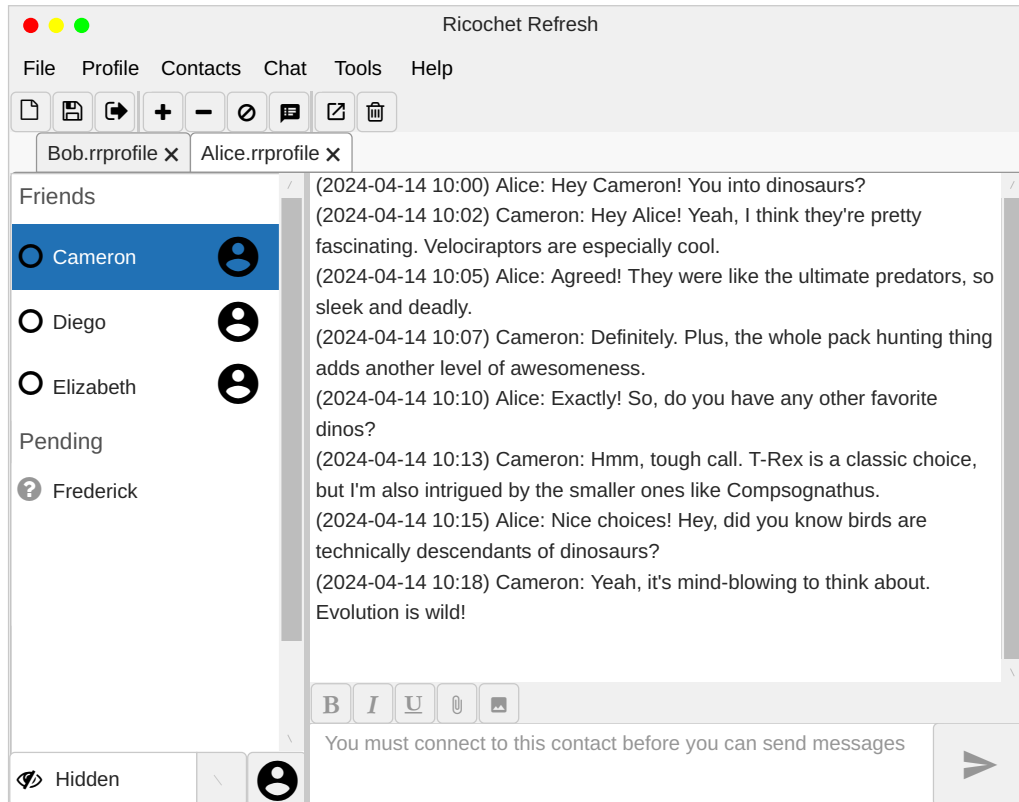
Minor text formatting:

- Bold
- Italic
- Underline
- Add Attachment
- Inline-image

NOTE:

- Attachments are sent as-is, but are not rendered/previewed by the application.
- Inline-images will be somehow re-encoded to hopefully avoid malformed image decoder bugs/exploits

- Double-click on contact could connect/disconnect individual use when in Hidden or Restricted mode



- Chat input widgets are disabled if the user is not connected

- User must opt-in to connecting to contacts when in Hidden mode using the chat icon or connect action in the

