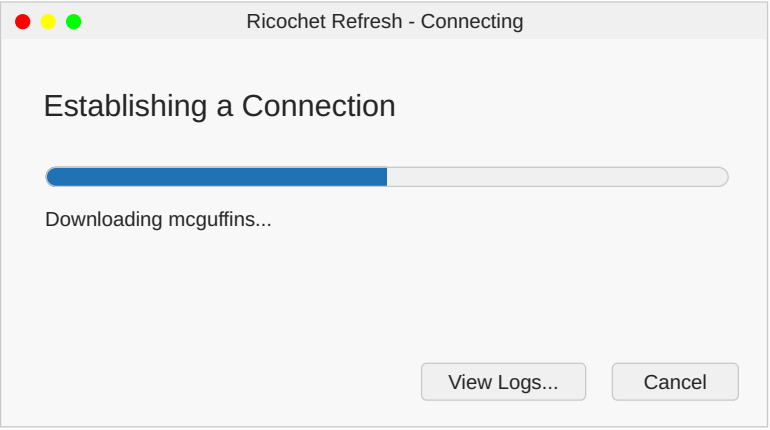


We will try to follow a desktop-ified version of Tor Browser's [about:torconnect](#) page here

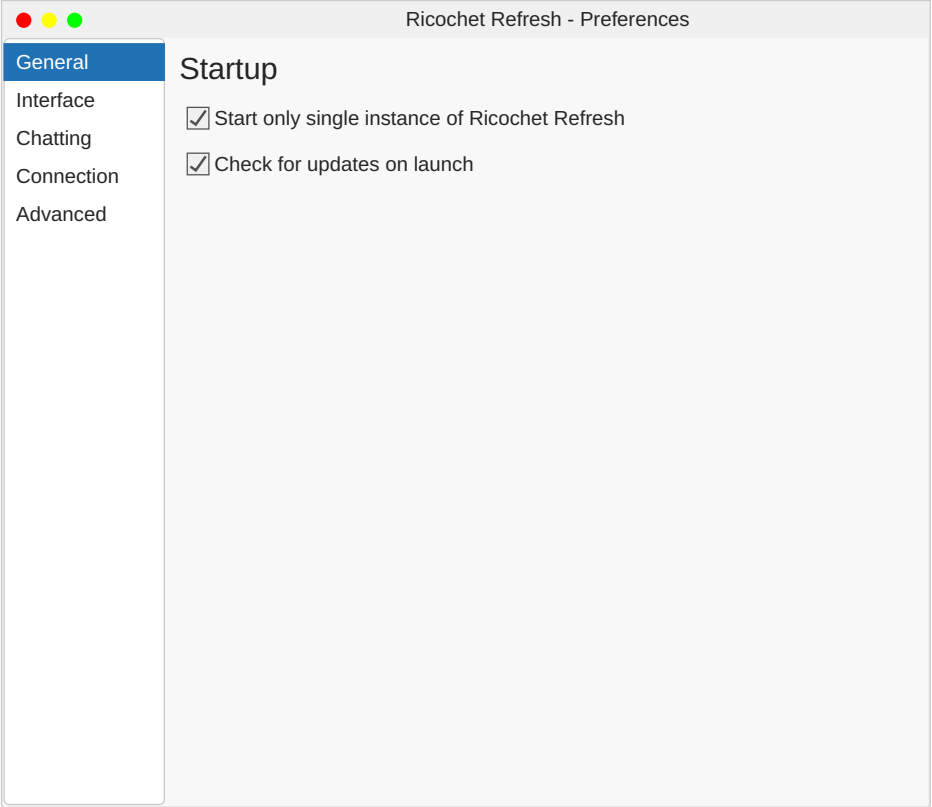
Configure opens a separate preferences window

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

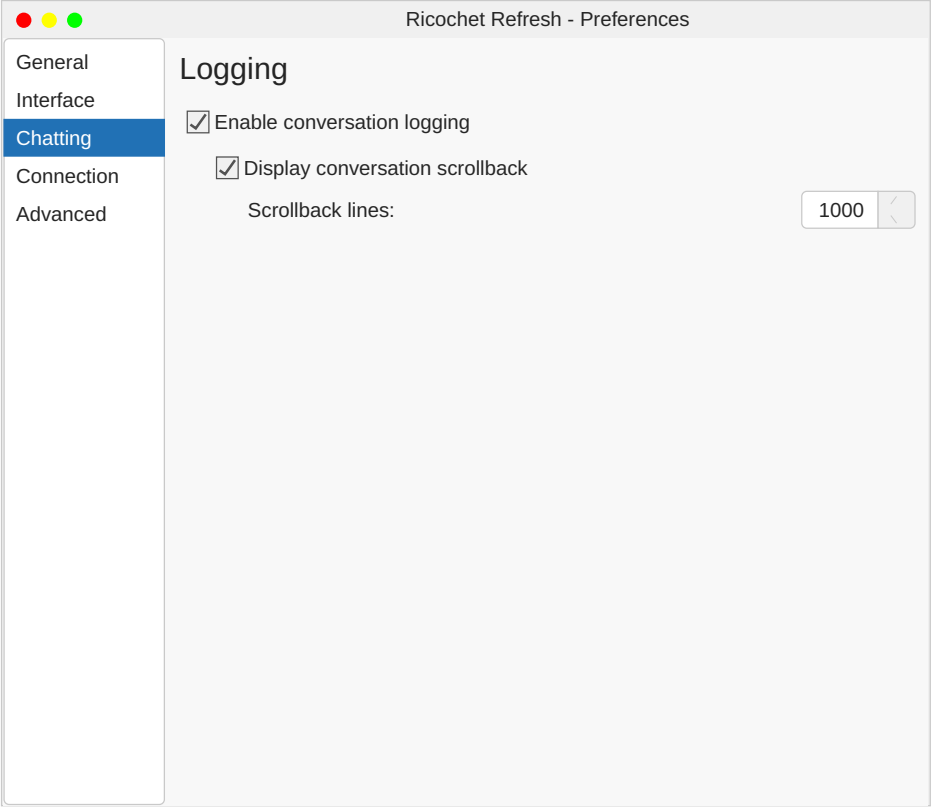
☒ Close to system tray

Languages sorted by language code

- Icon only

- Text only

- Text beside icon



TODO: chat
formatting options?
timestamp options?

Ricochet Refresh - Preferences

General
Interface
Chatting
Connection
Advanced

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

Ricochet Refresh - Preferences

General
Interface
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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 Port

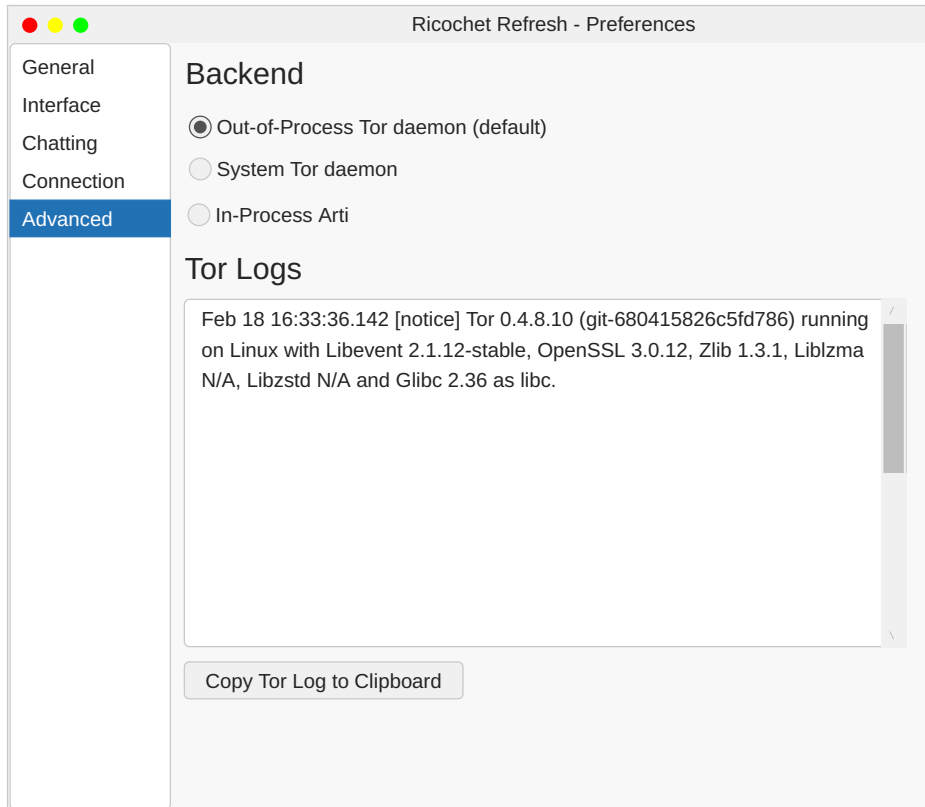
Username Password

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

Allowed Ports

TODO: Switching backends will require a restart

TODO: should logs be in a separate dialog instead?



TODO: New profile flow

Ricochet Refresh

File

Profile

Contacts

Chat

Tools

Help

Bob.rrprofile x

Alice.rrprofile x

Load Ricochet Refresh Profile

/path/to/Alice.rrprofile

Enter password:

●●●●●●●●●●●●●●●●

Close

Login

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

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
-
- Show/Hide Blocked
- Contacts

Chat:

- Export Logs...
- Delete Logs...

Tools:

- Downloads
- Preferences

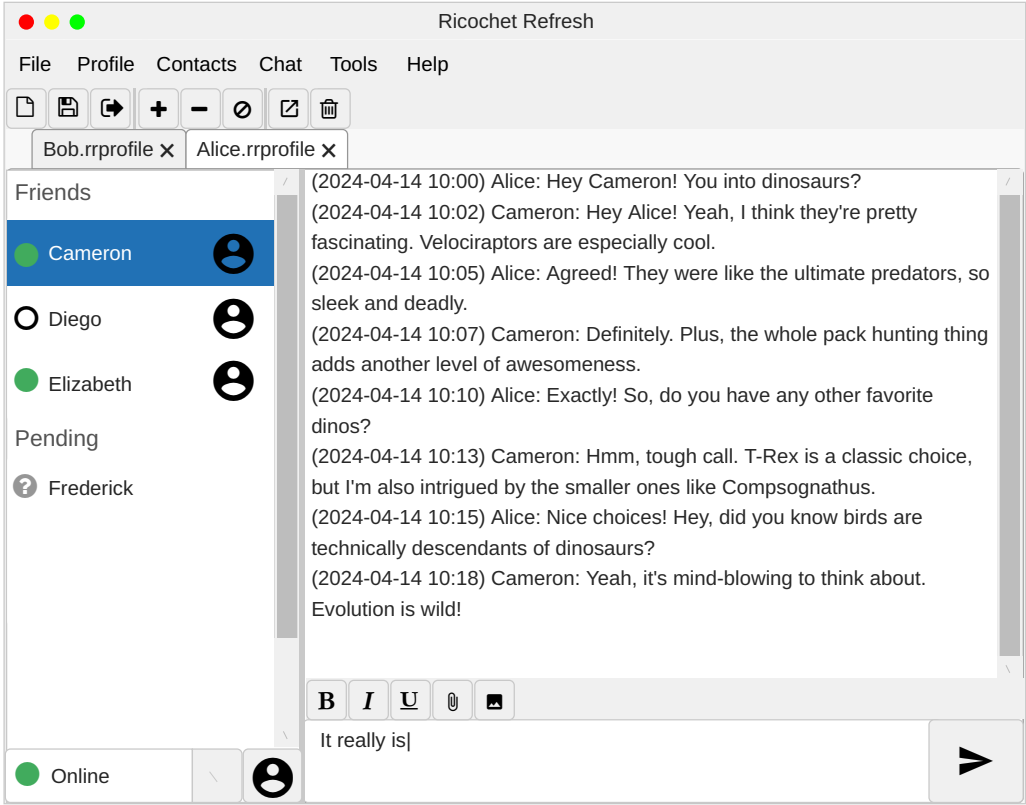
Help:

- Manual
- Licenses
- Check for Updates...
- About

TODO: Downloads dialog

TODO: Check for updates dialog

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



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

- 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: Need a way to close/end a conversation if user is in Hidden visibility mode

TODO: Incoming Friend Request flow