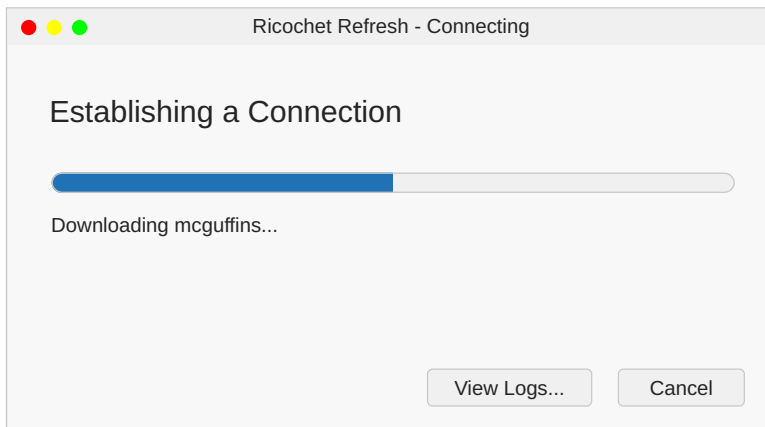


We will try to follow a desktop-ified version of Tor Browser's [about:torconnect](#) page here

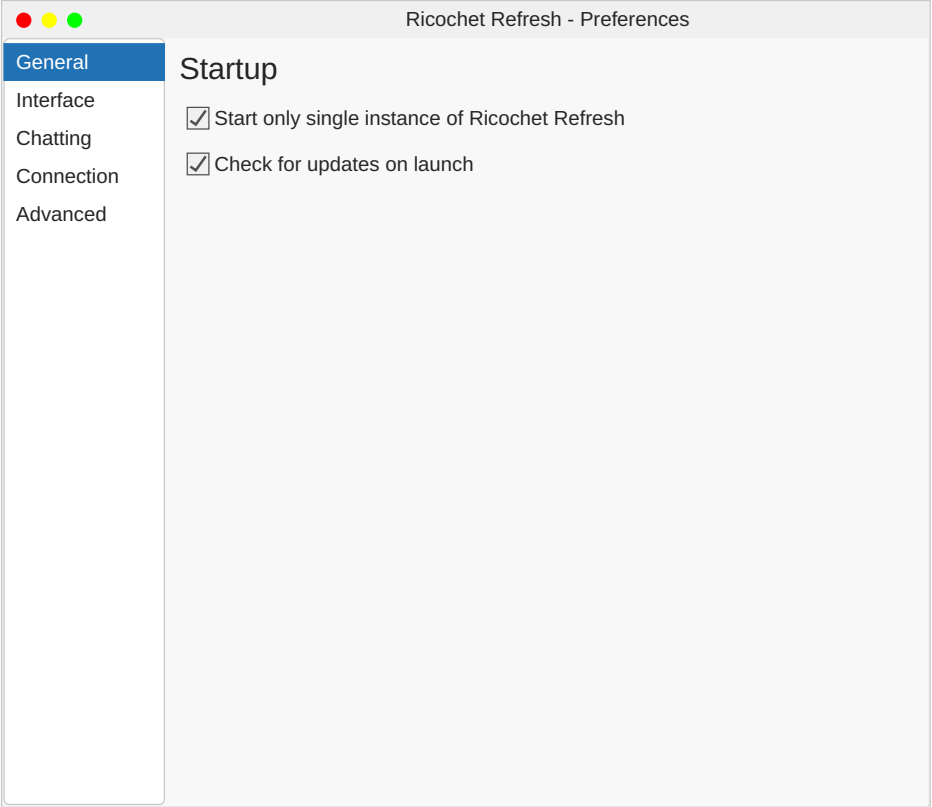
Configure opens a separate preferences window

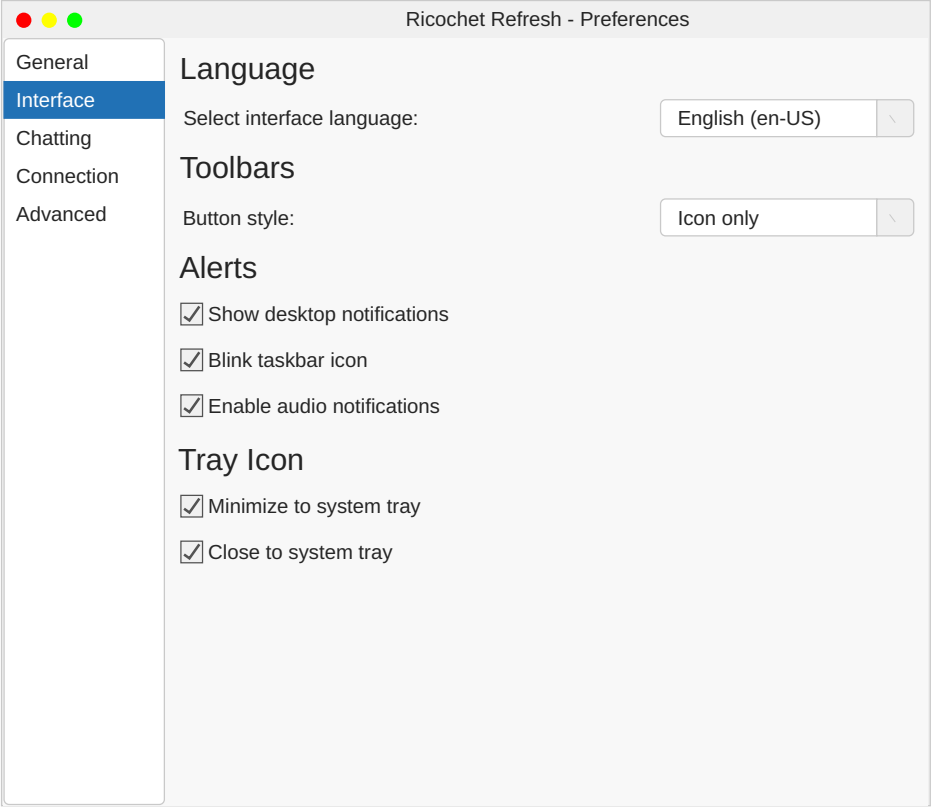
Connect begins bootstrapping tor



Jump to the Tor logs section of the preferences page

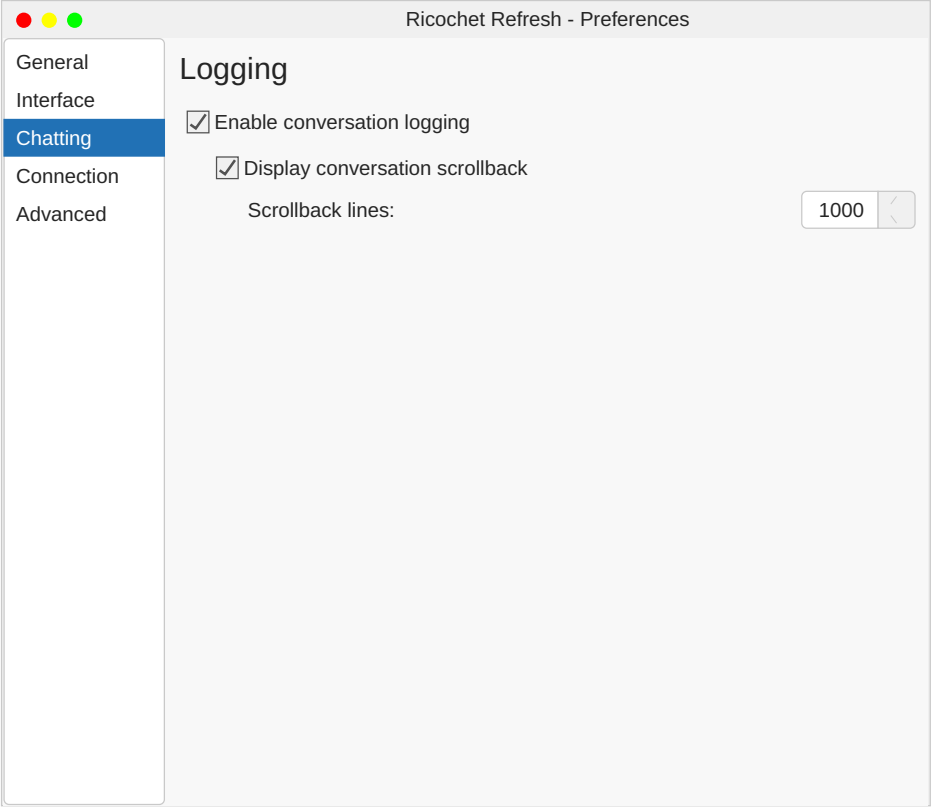
Cancel current bootstrap attempt





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  
Chatting  
**Connection**  
Advanced

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

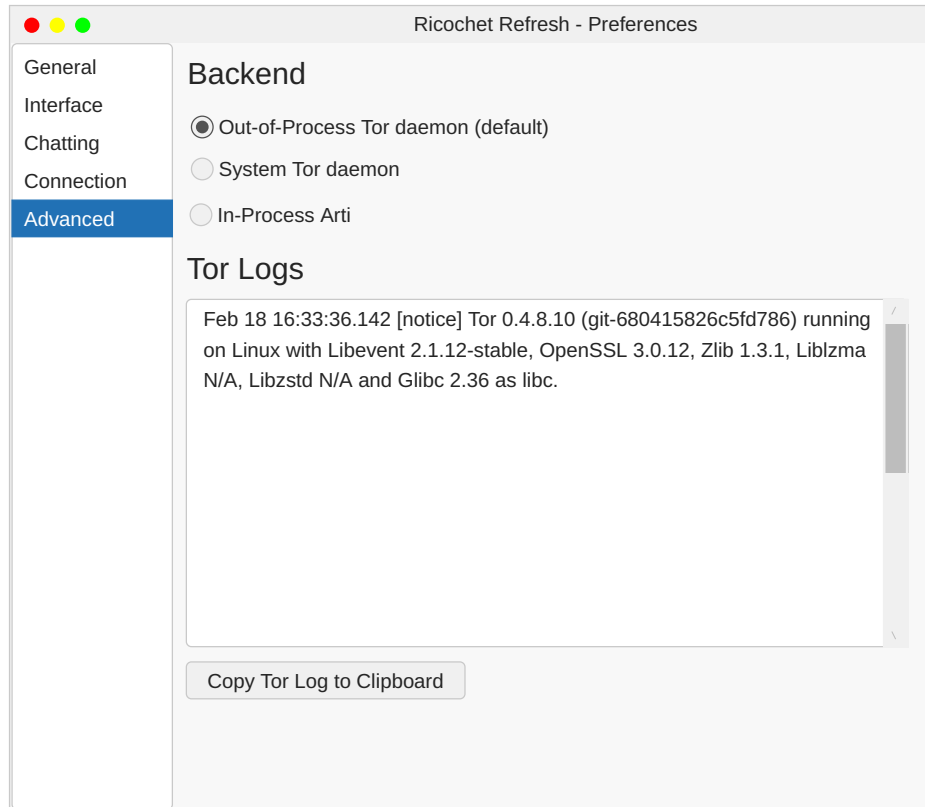
Username  Password

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

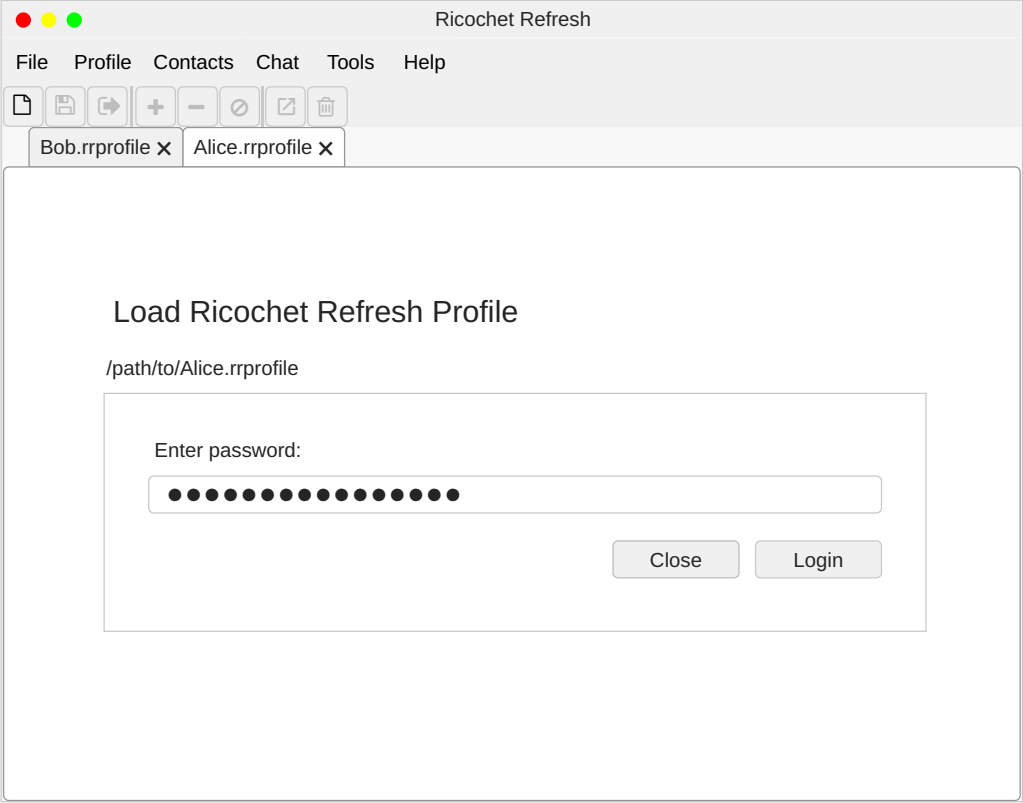
Allowed Ports

TODO: Switching backends will require a restart

TODO: should logs be in a separate dialog instead?



TODO: New profile flow



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

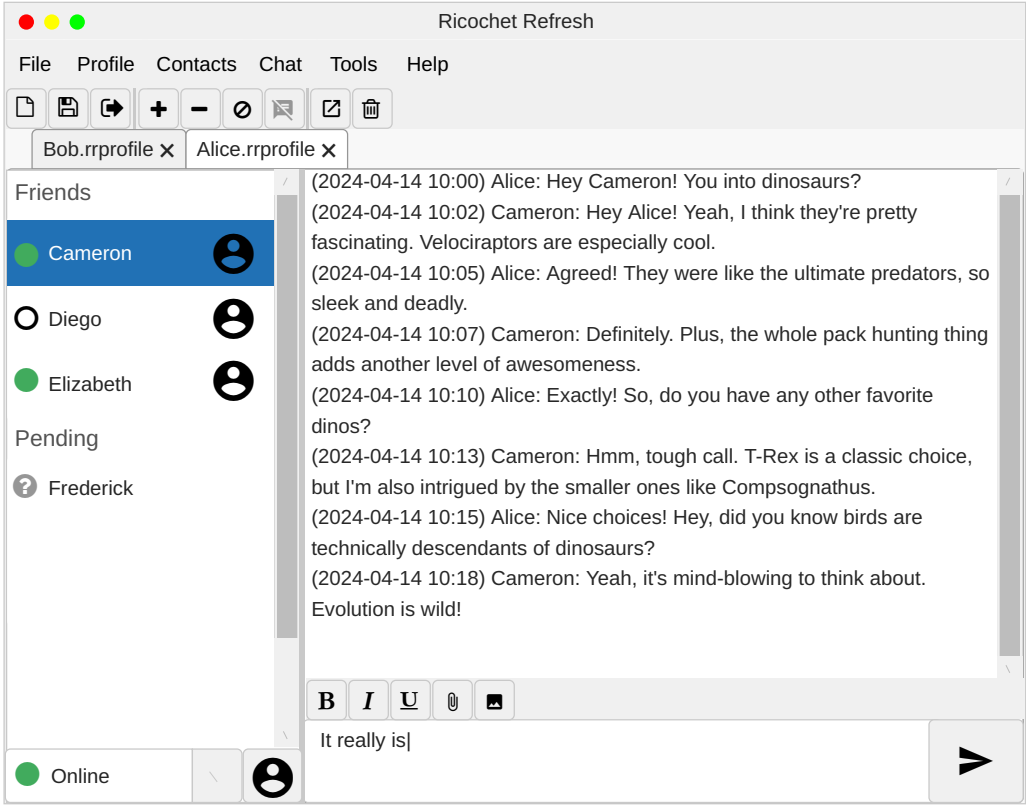
- Chat:
- Export Logs...
  - Delete Logs...
- Tools:
- Downloads
  - Preferences
- Help:
- Manual
  - Licenses
  - Check for Updates...
  - About

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:

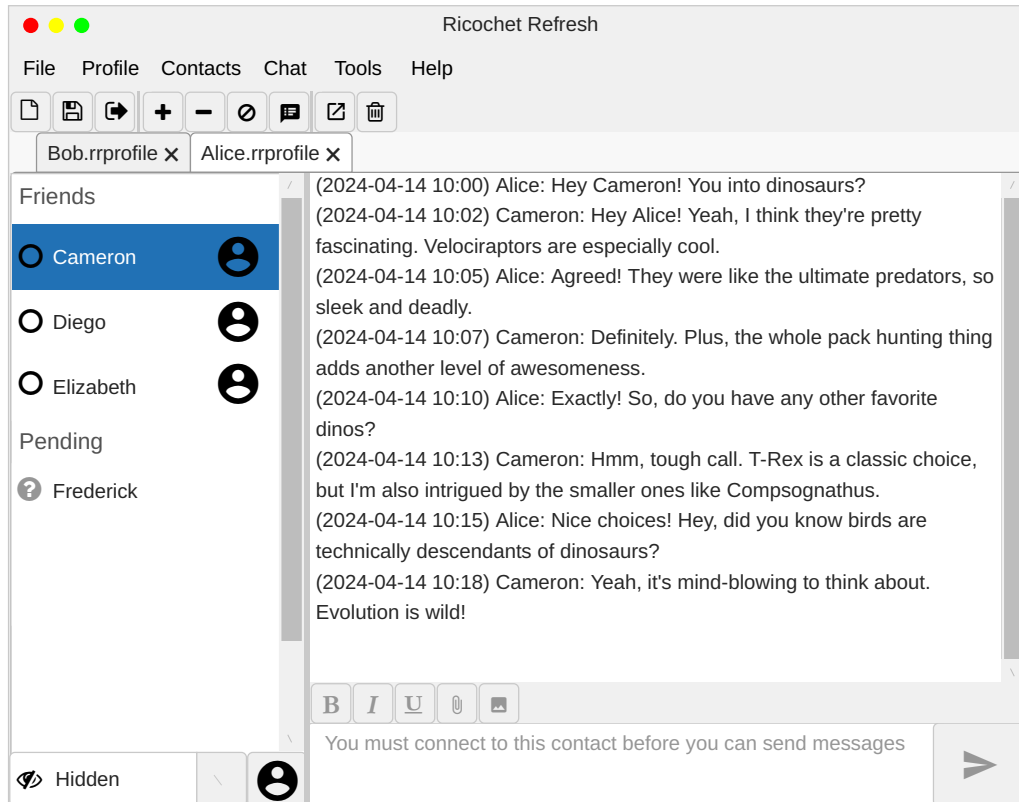
- Bold
- Italic
- Underline
- Add Attachment
- Inline-image

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

