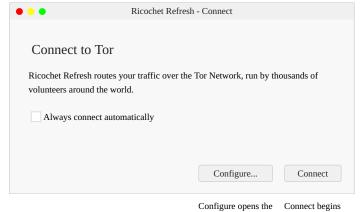
Connection Dialog

This is the first window that will appear if Ricochet Refresh is managing its owned own Tor provider (versus using a system-owned Tor or Arti instance). If we are using an external Tor provider, we will go directly to the Main window.

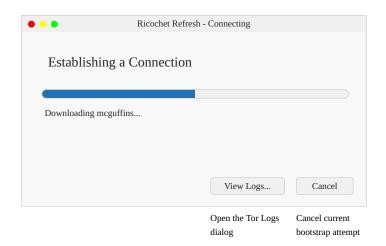
TODO: This UI implies a single Tor provider for potentially multiple Ricochet Refresh profiles. Does it make sense for them to all have the same guard?



Preferences dialog

bootstrapping tor

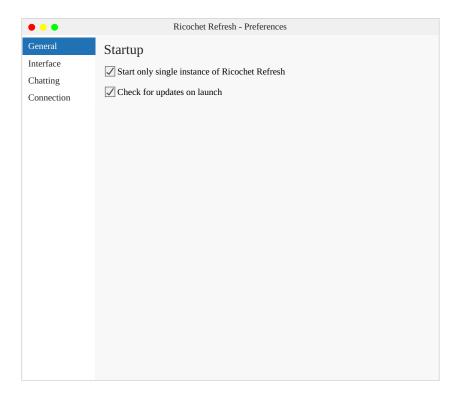
We will try to follow a desktop'ified version of Tor Browser's about:torconnect page here



Preferences (General) Dialog

The General section of the Preferences dialog. Should enable configuring general application behaviour that are not specific to the other sections.

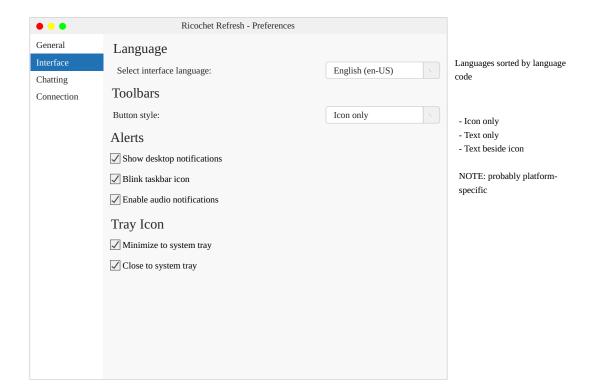
TODO: Ensure these ALL options are safe to store unencrypted, since they are the app-wide settings and so won't be stored in a profile



Preferences (Interface) Dialog

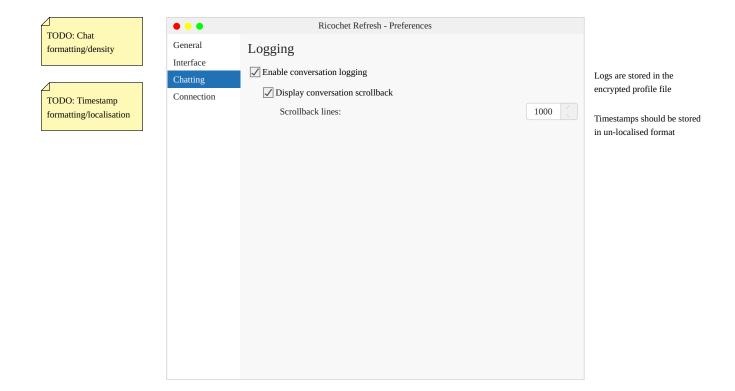
The Interface section provides users with UI customisation options

TODO: Enabled/Disabled icons in the Main taskbar?



Preferences (Chatting) Dialog

The Chatting section provides users with conversation-related options.



Preferences (Connection) Dialog

The Connection section provides users with Tor Provider related options. This page may vary a lot depending on which Tor Provider is selected. For instance, a System Tor Daemon Tor Provider (eg on Tails) would have this section almost entirely empty. For now let's have this mostly mirror about:preferences#connection in Tor Browser.

Ricochet Refresh - Preferences General Quickstart Interface Quickstart connects Ricochet Refresh to the Tor Network automatically when launched, Chatting 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. TODO: Bridge Card Depending on where you are, one bridge may work better than another. support ✓ 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. 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 using Tor. May work in heavily censored regions, but is usually very slow. Enter bridge addresses you already know Network Settings I use a proxy to connect to the internet SOCKS5 Proxy Type Address Port Password Username This computer goes through a firewall that only allows connections to certain ports Allowed Ports Advanced View the Tor logs View Logs... Backend TODO: Maybe Backend Select which Tor client implementation to use. Changing requires an application restart. should be the *first* configurable item in the list? Out-of-Process Tor daemon (default) System Tor daemon In-Process Arti

Add bridges region collapses if Use bridges is not ticked

Tor Logs Dialog

Provide logs from the underlying Tor Provider. This dialog should match layout of Tor Browser's about:preferences#connection Tor Logs dialog. Some Tor Providers will not have logs to display (eg System Tor Daemon)

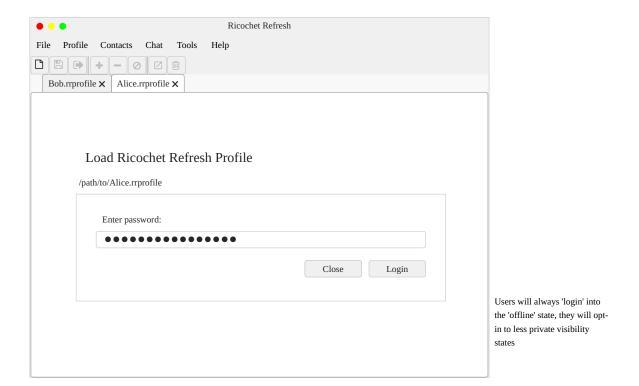


Main Window

Users reach this window after bootstrapping via the Connection dialog, or directly if the Tor Provider does not require explicit bootstrapping (eg System Tor Daemon). A password is required to decrypt a Ricochet Refresh profile. Obviously we draw a lot of inspiration here from KeyPassXC and friends.

TODO: New profile flow

TODO: Open Profile toolbar button?



Main Window (Online)

Profile tab when the user is logged in. In 'Online' mode identity and endpoint servers are enabled, anyone can cyberstalk the user if they know the user's Identity Server Service ID

Menus

New ProfileOpen Profile...Close ProfileSave Profile As...

Profile:
- Set Visibility >
- Online

- Restricted

- Edit Profile...

- Copy Ricochet Id

- Hidden

Add Contact...Delete ContactConnect/Disconnect

- Ban/Unban Contact

Contacts:

- Export Logs...- Downloads...- Tor logs...- Preferences...

Tools:

Help:
- Manual
- Licenses...

Check for Updates...Changelog...

- About

 Licenses menu option should open a folder containing relevant licenses
 Changelog menu option

opens CHANGELOG.txt in system default text editor

- Logout All Profiles

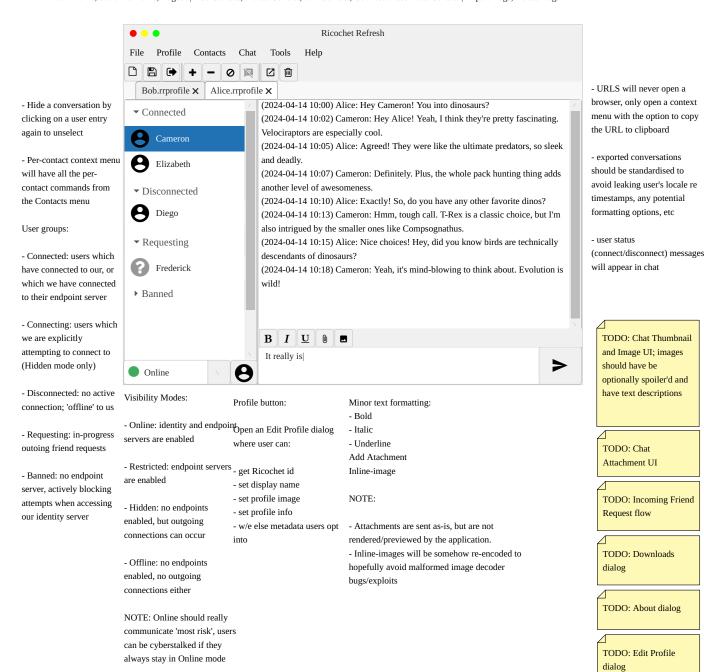
- Ouit

- Logout

Toolbar Icons

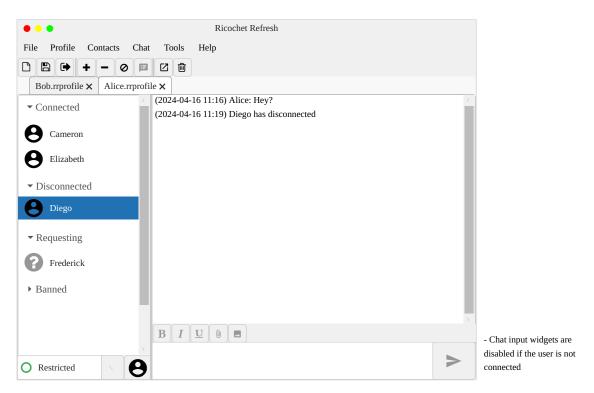
New Profile, Save Profile As, Logout | Add Contact, Delete Contact, Ban Contact, Connect/Disconnect Contact | Export Logs, Delete Logs

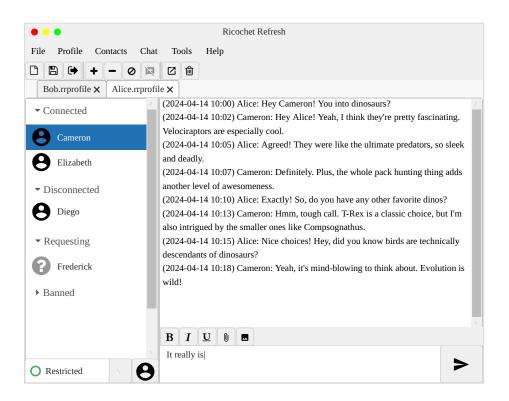
Chat:



Main Window (Restricted)

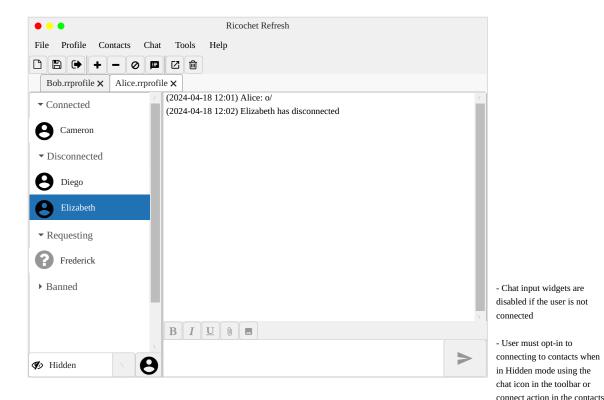
In 'Restricted' mode (identity server disabled, endpoint servers enabled) only confirmed/allowed contacts may contact us. New contacts will not be able to access the public identity server to get through the gosling handshake to get their own endpoint server. This way stranges will not be able to cyber-stalk a user based off of their (potentially) public identity server. The UX should be identical to Online mode, except the user will never receive new friend requests.



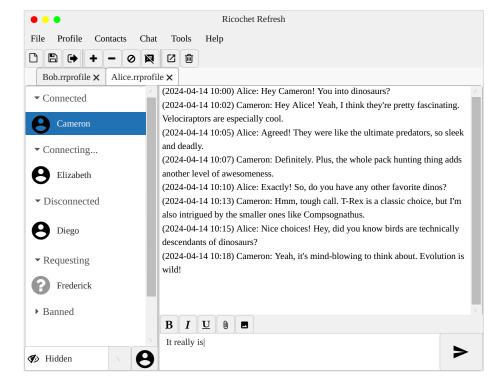


Main Window (Hidden)

In 'Hidden' mode we do not enable any of our endpoint servers or identity servers, so even contacts do not gain our online/offline metadata. Connections are outgoing only and must be explicitly initiated by the user. This does imply that two users which are both in 'Hidden' mode will not be able to ever connect to each other!



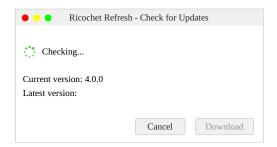
- Contact goes into Connecting... group when connect is initiated
- Once a user reaches
 Connected, then chat can
 happen



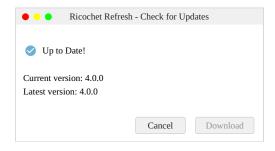
menu

Check for Updates Dialog

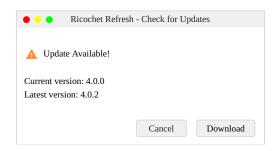
Accessed via the Help > Check for Updates... menu item. This will open a dialog which pings an onion service for update jsons, which will tell this dialog which install media/package to download.



- Check happens over Tor to Onion Service endpoint
- Will need some to maintain some update jsons



- Ricochet Refresh s up to date so we good



- Download the correct package based on the current insalled version (eg a deb, appimage, dmg, windows installer, etc
- Download button will open Downloads dialog