

OpenViewer Gtk UI Milestone 1

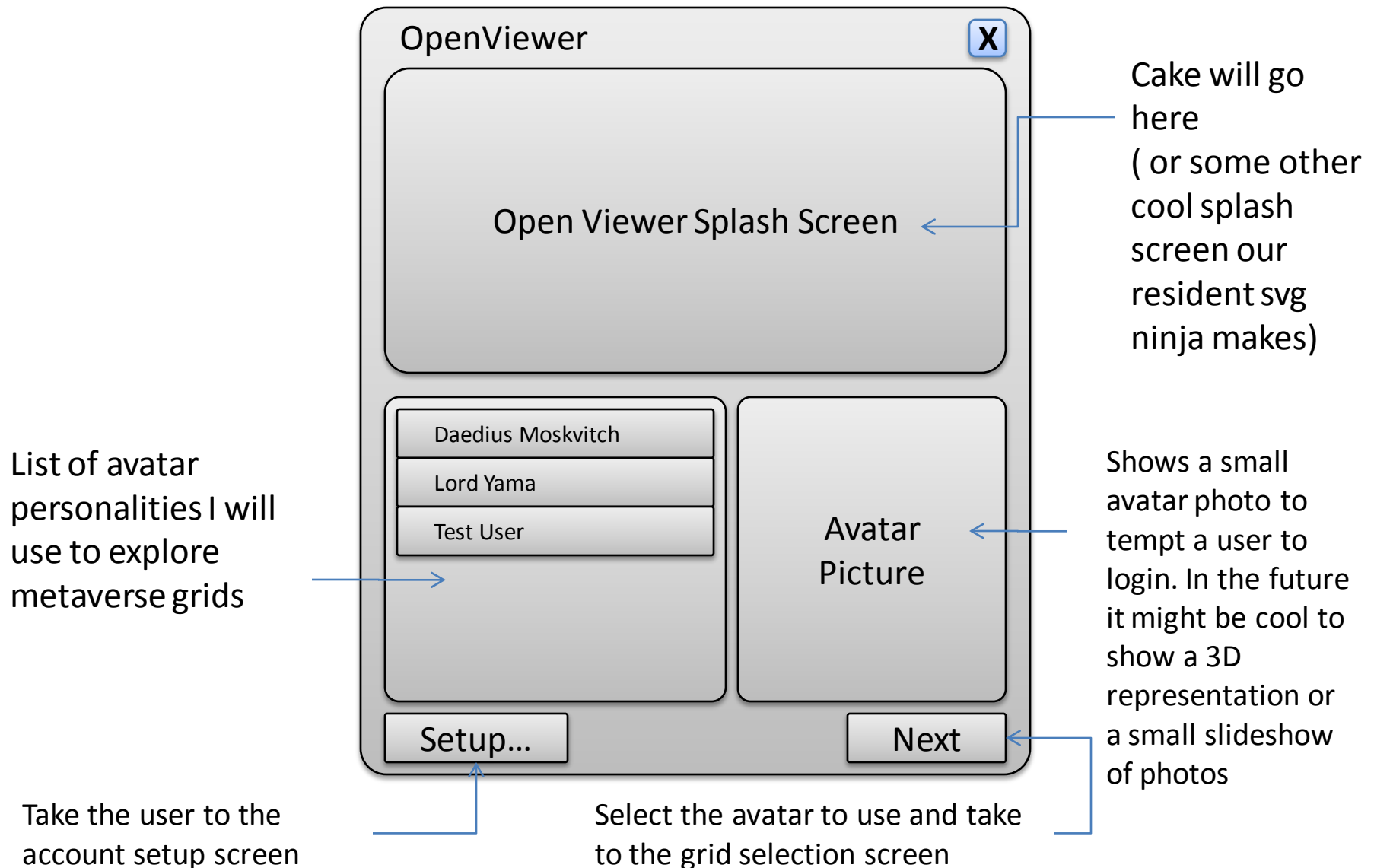
Revision 2

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Application High Level Use Cases

- GtkUI Milestone 1 will allow you to assume the role of an avatar that can connect to one grid at a time
- Navigation is performed by either a list of known grids or by trying to find one through the address bar
- User remains as the avatar they selected until they close the application
- User can communicate with those around him

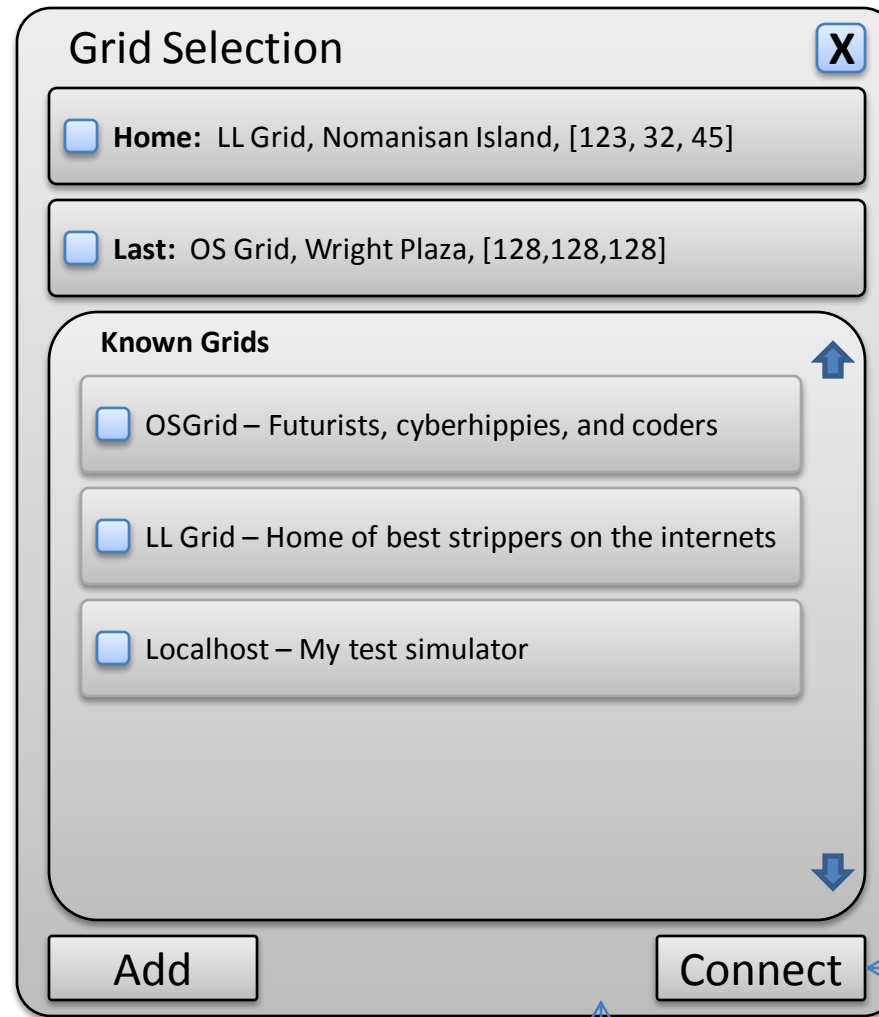
Startup Screen: Avatar Selection



Startup Screen Use Cases

- Two types of users
 - Users who have no avatar personalities
 - Users who already have avatar personalities Users who already have their avatar personality setup, will be able to simply select which they want to use. Hit the select button and be taken to a screen where they select where to start
- If the user does not have any accounts setup, they will be taken through a short wizard that the user can enter in their account info.
- In the future for the third user case, it might be nice to have a list of grids available in the setup wizard. It might even be a source of revenue for our group to be able to list grids who are out there for L\$.

Startup Screen



The image shows a 'Grid Selection' dialog box with a title bar containing a close button (X). It features a list of grids with checkboxes. The first two are 'Home' and 'Last'. Below them is a section titled 'Known Grids' with three entries: 'OSGrid', 'LL Grid', and 'Localhost'. At the bottom are 'Add' and 'Connect' buttons. Blue arrows point from external text to the 'Add' button, the 'Connect' button, and the 'Known Grids' section.

Grid Selection [X]

☐ **Home:** LL Grid, Nomanisan Island, [123, 32, 45]

☐ **Last:** OS Grid, Wright Plaza, [128,128,128]

Known Grids

☐ OSGrid – Futurists, cyberhippies, and coders

☐ LL Grid – Home of best strippers on the internets

☐ Localhost – My test simulator

Add Connect

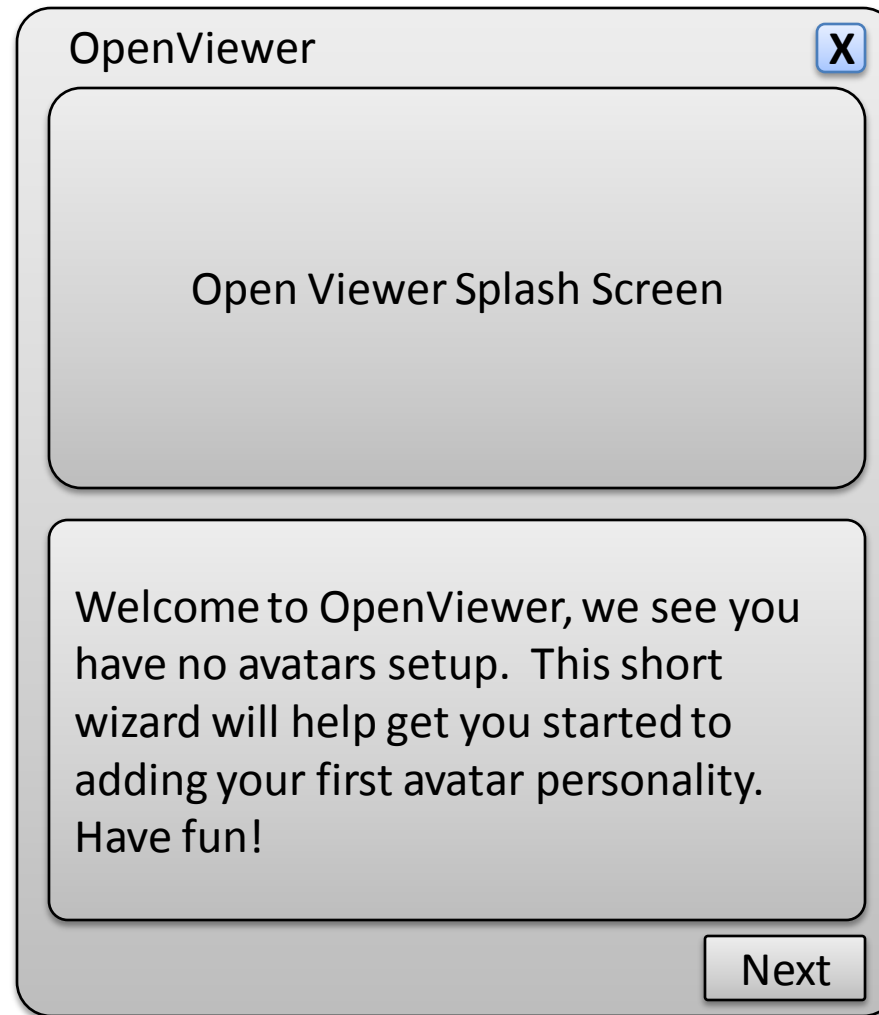
Search for grids not know about, got to our wiki of grids.

Select the avatar to use and take to the grid selection screen

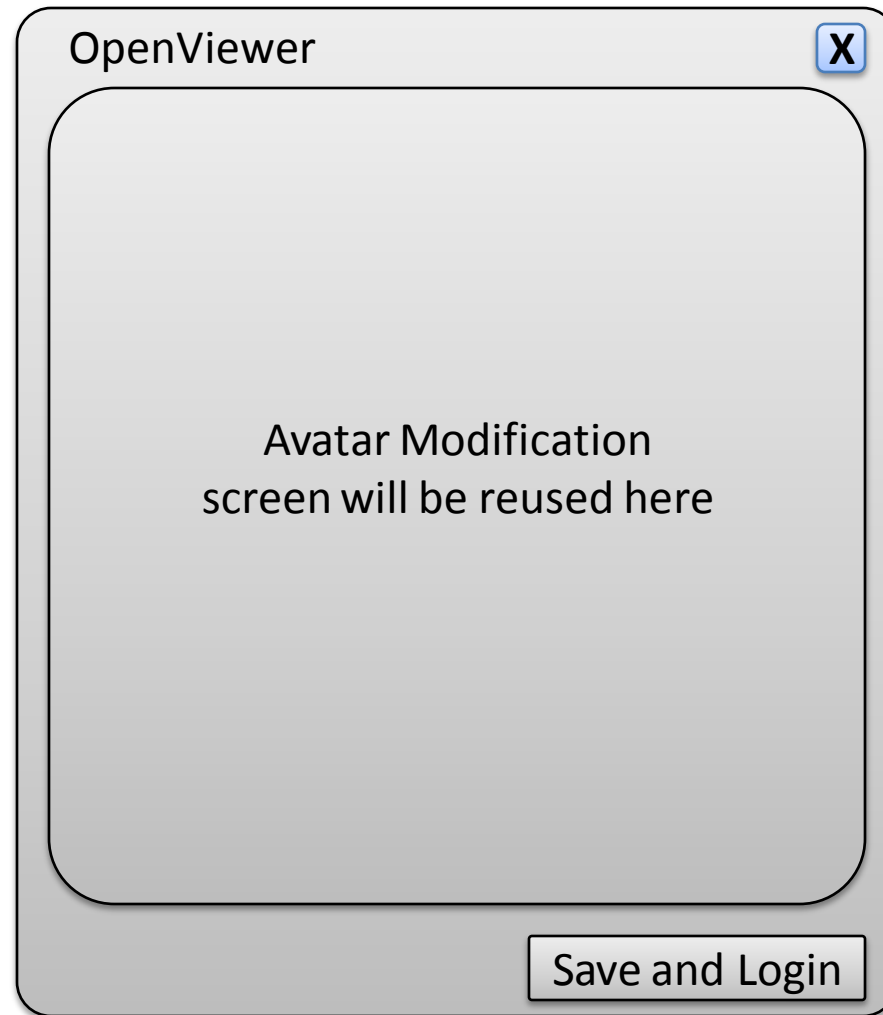
Shows a small avatar photo to tempt a user to login. In the future it might be cool to show a 3D representation or a small slideshow of photos

Setup Screen # 1

If you have no accounts, instead of a startup screen you will see something like this



Setup Screen #2



Startup Screen Use Cases

- If the user clicks Settings, we will bring up a dialog where they can edit their existing accounts or add a new one
- They will first be presented with a screen that will let them select from a list of accounts.

Avatar Management #1

Avatars

X

Daedius Moskvitch

Lord Yama

Test User

Avatar
Picture

Add

Modify

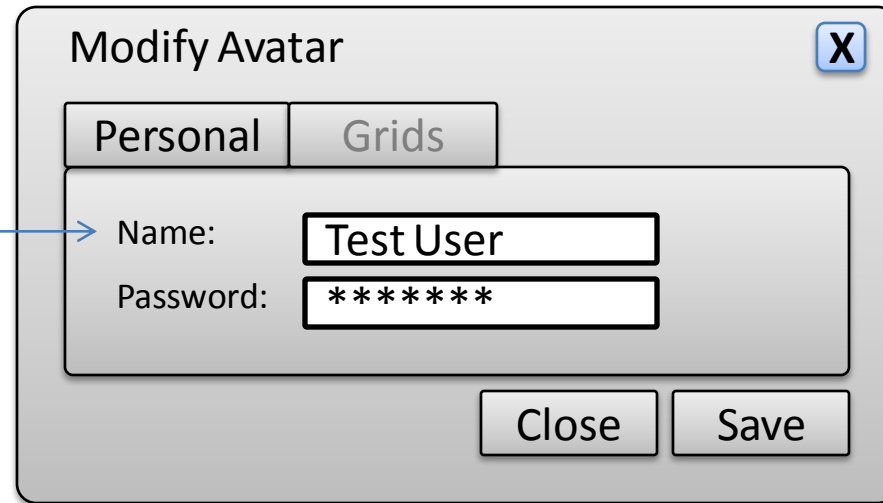
Delete

Close

Avatar Management Use Cases

- The user can add an avatar
- Delete an avatar
- Or modify avatar

Avatar Management #2: Personal Info



The image shows a 'Modify Avatar' dialog box with a title bar containing a close button (X). Inside the dialog, there are two tabs: 'Personal' and 'Grids'. The 'Personal' tab is selected. Below the tabs, there are two input fields: 'Name' with the text 'Test User' and 'Password' with the text '*****'. At the bottom right of the dialog, there are two buttons: 'Close' and 'Save'. A blue arrow points from the text on the left to the 'Personal' tab.

This is the
info we
should try to
use
whenever
possible

Avatar Management Use Cases

- We want to make this part as simple as possible.
- Normally, we wouldn't even want a user having to have gone this far. I think there are three cases we need to handle for setting up of accounts:
 - Users could manually type in the connection information (least desirable)
 - Users could use a small file containing all the connection information needed to create an account and login (not preferable, but useful for web scenarios)
 - Users should be able to just type in an address of a grid, we extrapolate what information is needed and ask for it if necessary. If the user likes the place. They can save their connection info and last location into a new account. (Dead easy, but complex)

Avatar Management #3: Grids Tab

Modify Avatar

X

Personal

Grids

Grid Name:

OSGrid

↓

URL:

http://www.osgrid.org:8002

Location:

Wright Plaza [128,128,128]

X

 Use custom connection

Make this my Home

Name:

Daedius12 Moskvitch

Password:

X

 Remember password

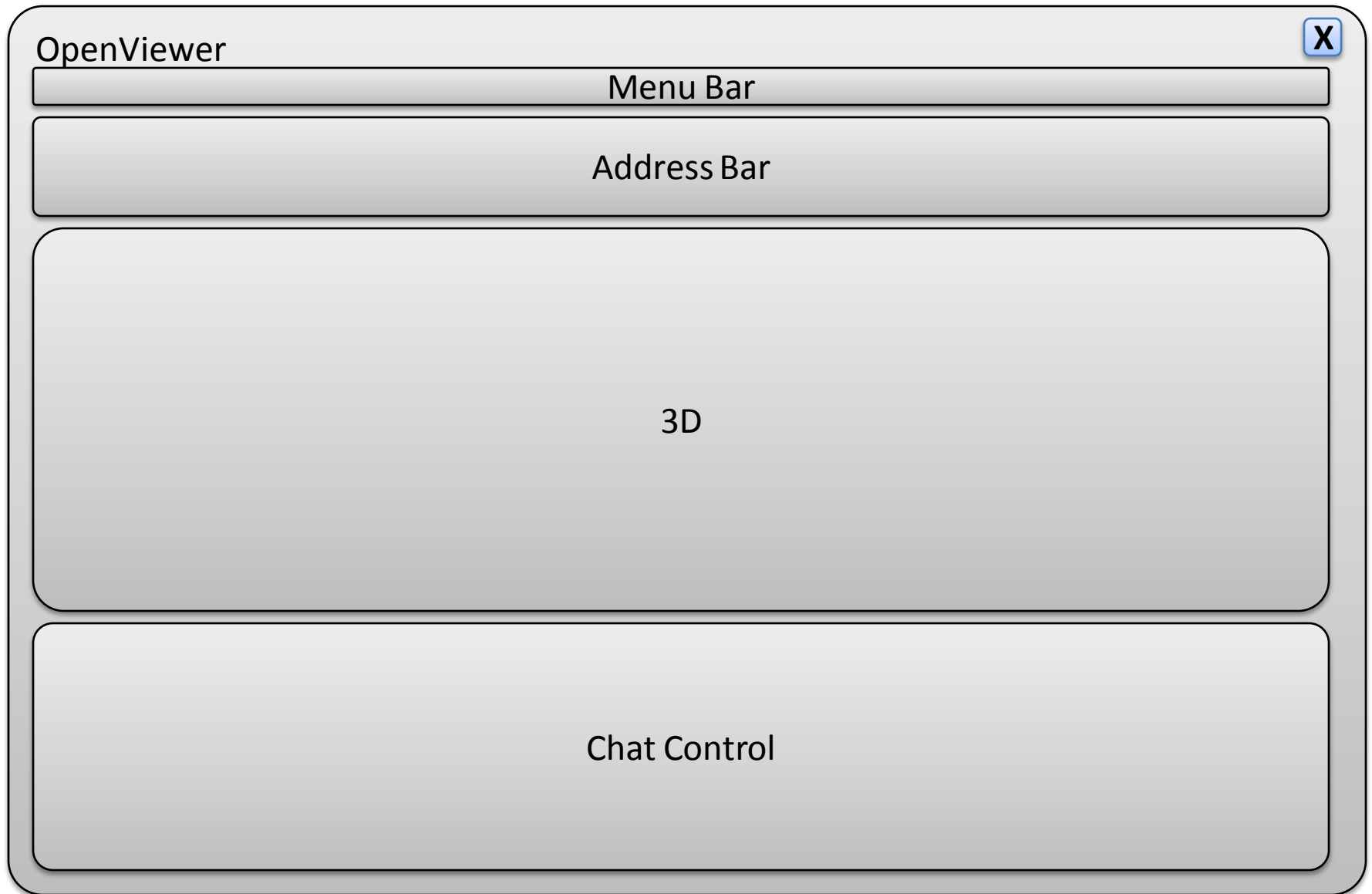
Close

Save

Avatar Management Use Cases

- Normally, when a user visits a grid, we want to try to autoregister with their default username and password, but we must provide settings for them in case this is not an option.
- Give the user the ability to set a grid as their home
- Specify connection info and location information in here
- We may need more information for different protocols or grids that provide extra services

MainScreen



Main Screen Use Cases

- Obviously not the most pretty design, but it allows us to get a simple layout till we can work on dockable controls in another milestone.
- Address bar is at the top, giving the user an instant navigation device.

3D Panel

3D

This is where eye
candy goes

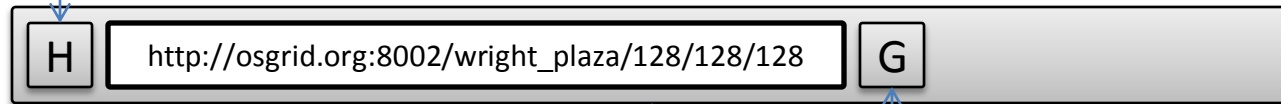


3D Control Use Cases

- User controls the avatar/camera with WASDEC
- M will switch between avatar and flythrough mode

Address Bar

Go to your home grid and location



Address bar
entry

Bring up list of grids to connect to

Address Bar Use Cases

- The user can do several things here:
 - Go to their home
 - Enter in a URL for us to try to extrapolate a grid for them to connect to
 - Bring up list of known grids to connect to

Connect to a Grid

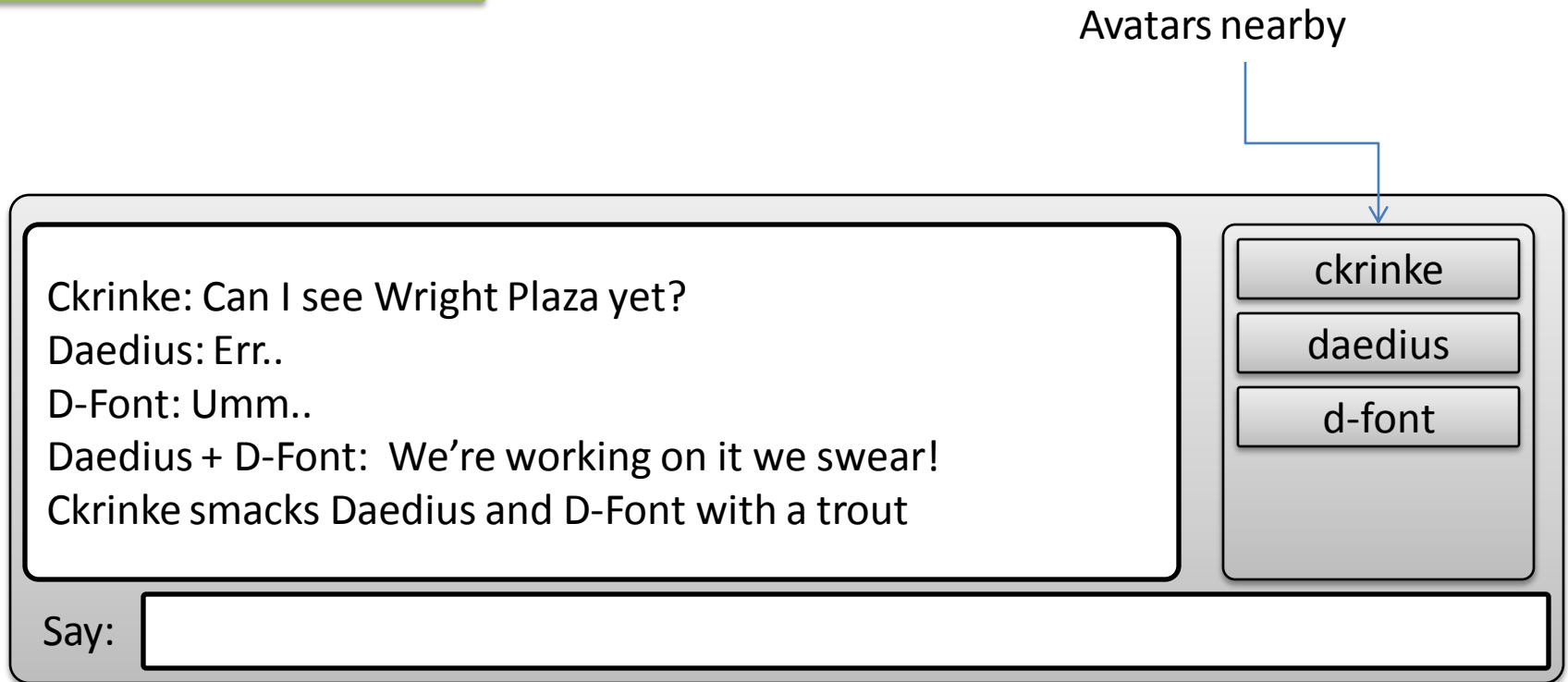


Will take
user to
wiki list
of grids
for now

Connect to Grid Use Cases

- If you haven't noticed, this one control is being reused a lot. Its mostly for consistency.
- Here we only want a screen for the user to quickly select the grids they have available. It should be simple.

Chat Panel

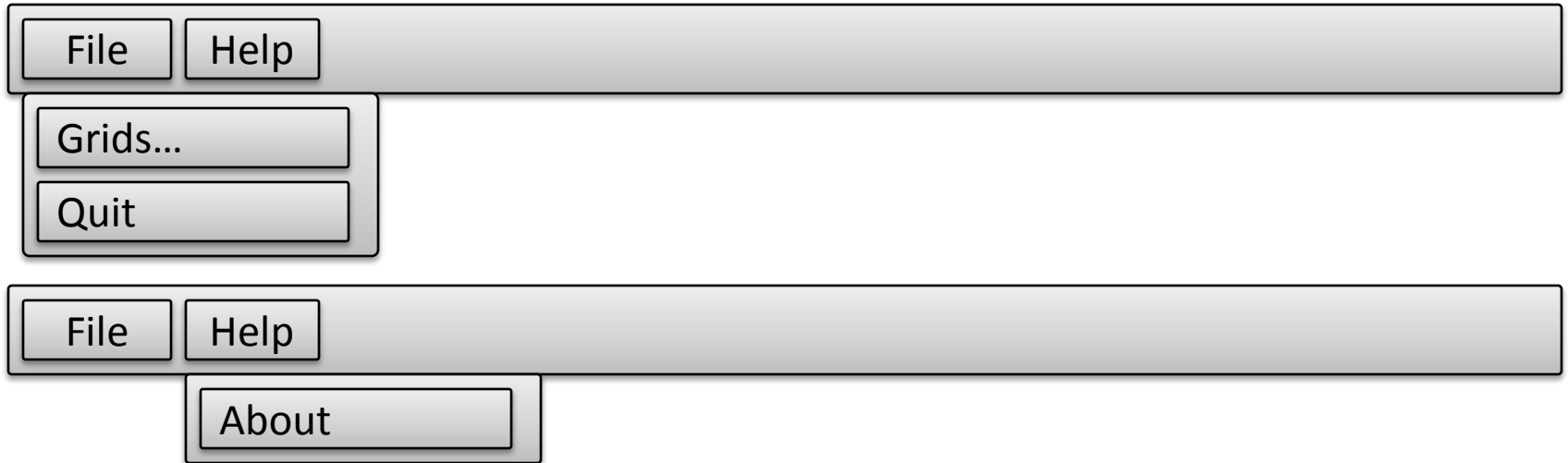


Milestone one will just have support for local chat around the avatar

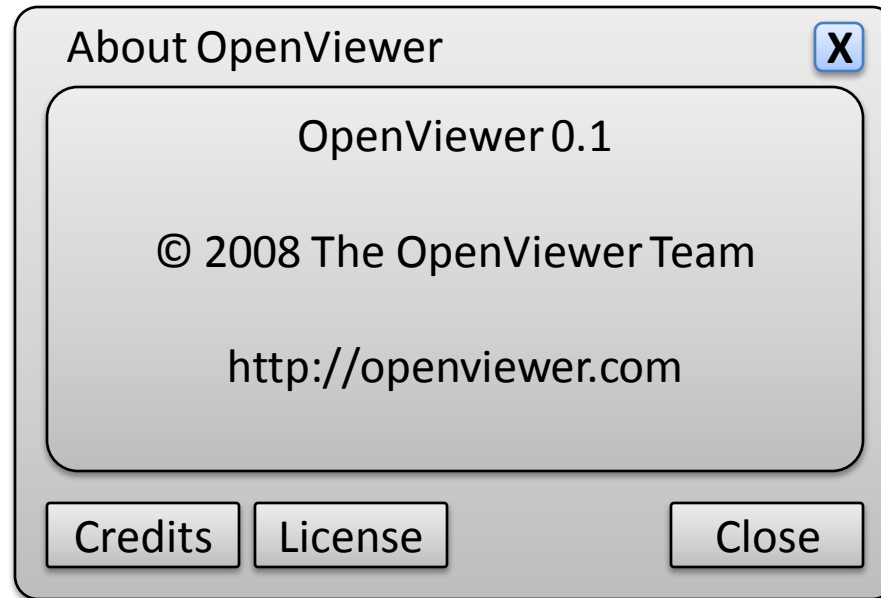
Chat Panel Use Cases

- Need support for enter detection
- User should be able to type in action text with the /me prefix

Menus

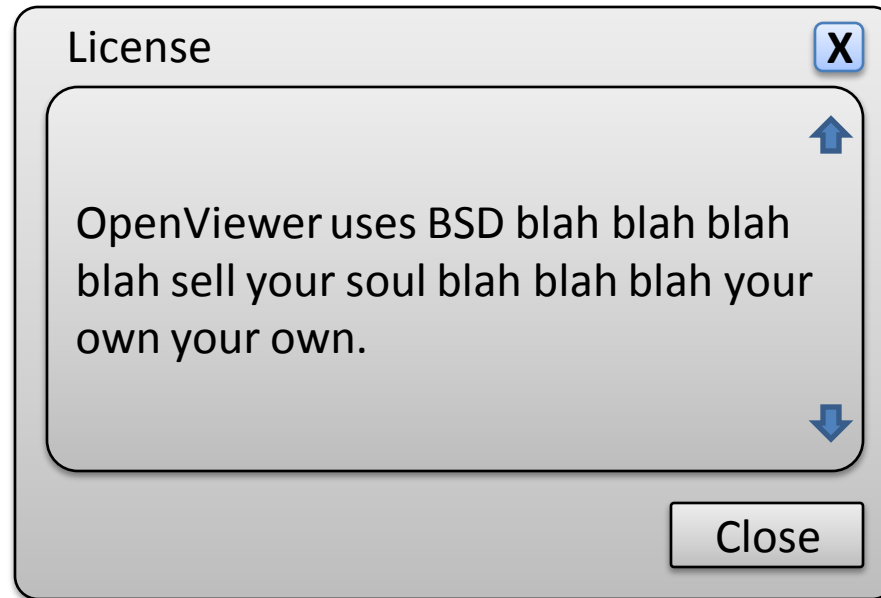


About Screen



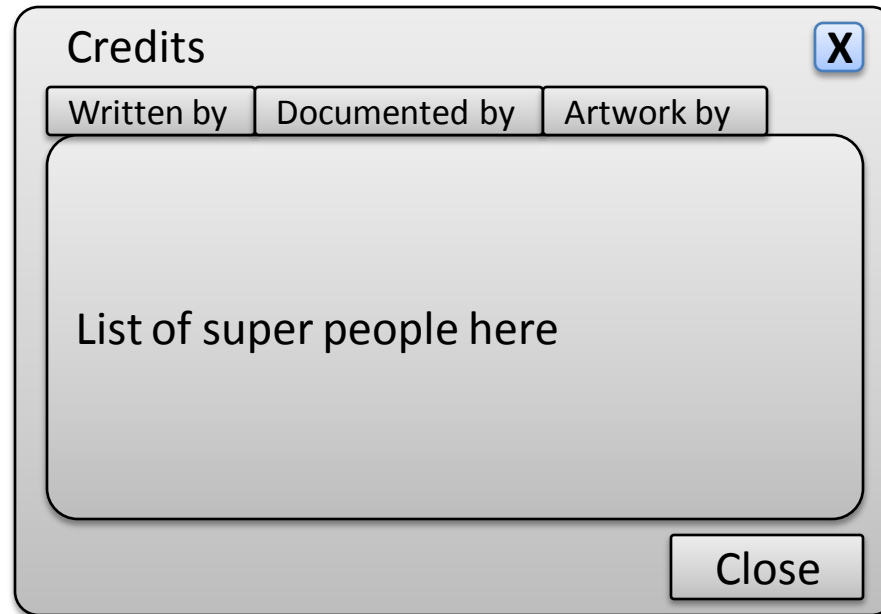
This about box is based off the same one used in glade 3

License Screen



This is based off the same one used in glade 3

Credits Screen



This is based off the same one used in glade 3

Screens and User Controls

Screens

- Startup Screen: Avatar Selection
- Grid selection
- Setup Wizard screen 1: Wizard friendly message to user
- Setup Wizard screen 2: Input of first Avatar info
- Avatars Management Screen: List of Avatars
- Avatars Management Screen: Avatars Modification Screen Person/Grids
- Main Screen
- About Screen
- About Screen: License
- About Screen: Contributors

User Controls

- Grid list control
- Avatar list control
- Main screen menu bar area
- Address Bar control
- 3D Area Control
- Chat Area Control