During installation, Kepler takes a long time to start up under Windows

With Kepler-2.4RC3 under Windows2008R2 64-bit, the user is asked if they want to start up Kepler. I chose "yes" and nothing happened, so I completed the installation.

Then, I started up Kepler from the menu and it took a long time (over a minute?) to start up.

Then, it seemed like there were two Kepler instances?

It seems like Kepler took a long time to start, which is why when Kepler was starting during the installation, it seemed like nothing was happening.

Christopher, you add the option to start Kepler from the installer for bug 4989. Are you against removing the option?

Yes, I'm against removing the option to start Kepler from the installer.

A common complaint with installing software is that it is not clear where it is installed.

The real fix for this is that the splash screen should pop up right away and tell the user how much time the start up will take. A minute is a really long time for a start up.
I'll try to pop up the splash screen sooner. Yet I don't know how to calculate the time the start up will take.

I'm fine with current kepler 2.4 start time since it is similar with that of Kepler 2.3. We can try to improve kepler first time start up time for future versions.

Updating the installer so that it says that the first time Kepler is run, it could take a few minutes because the actor library is being built from the actor kars.

A 60 second start time is an indication that something is wrong. Having the splash screen earlier would help. Ideally, the splash screen would state what was happening.

I agree that estimating the total amount of time for the actor library build is probably complex.

Anyway, if the installer was updated to say something about the first time Kepler is run, then we could push this off to 2.5.

Kepler checks for patches every time it starts, and this can take awhile depending on the network. I moved the check to be after the UI starts so this should reduce startup time.

The splash screen is now shown earlier during the startup process.

It would be nice to update the splash screen with progress messages. However, most of the time spent during startup is performed in the Swing thread, so the splash screen cannot be repainted until startup has completed. To fix this, the long-running startup tasks should be moved to another thread, but we can do that for the next release.

Original Bugzilla ID was 5893

We should update the splash screen for the next release.

The splash screen now shows a progress bar along with text describing what Kepler is doing during startup.

Christopher, can we close this bug?

I downloaded Kepler-2.4 onto Windows Server 2012 R2 and Kepler started up fine.

I was prompted to upgrade modules, which I did.

After that the splash screen was displayed for about 15 seconds, which is fine.

So, I'm closing this bug.