

Kepler - Bug #5489

Module Manager GUI should fail gracefully if a remote module cannot be downloaded

09/08/2011 07:10 PM - Derik Barseghian

Status:	Resolved	Start date:	09/08/2011
Priority:	Normal	Due date:	
Assignee:	Derik Barseghian	% Done:	0%
Category:	module manager	Estimated time:	0.00 hour
Target version:	2.4.0	Spent time:	0.00 hour
Bugzilla-Id:	5489		
Description			
<p>If you release a patch, e.g. loader-2.1.1, and a kepler 2.2 user downloads it and restarts, they will then be unable to download a suite that contains loader-2.2.0. The last messages I see on console are: Release: https://code.kepler-project.org/code/kepler/releases/test-releases/ Downloading kepler-2.3.0... Downloading outreach-2.2.0... Downloading apple-extensions-2.1.0... Downloading r-2.3.0... Downloading loader-2.2.0...</p> <p>Sidebug: these Downloading messages appear even if no download occurs because you already have it. Confusing.</p> <p>In this case kepler-2.3.0 and r-2.3.0 are downloaded, but that's it. I've tried twice, same behavior. No indication of failure appears. My KeplerData/kepler.modules/ then contains:</p> <pre>build-area kepler-2.3.0 kepler-2.3.0.zip loader-2.1.1 loader-2.1.1.zip r-2.3.0 r-2.3.0.zip</pre>			

History

#1 - 09/09/2011 12:27 PM - Derik Barseghian

My mistake, this was because a module isn't published.
Changing title -- if a module cannot be downloaded, fail gracefully (show a message, un-depress Apply and Restart button, etc).
We also shouldn't show a message on console saying a module is being downloaded until it's actually being downloaded.

#2 - 09/23/2011 09:03 PM - Derik Barseghian

punting to 2.4.0.

#3 - 08/07/2012 03:55 PM - jianwu jianwu

two ways to reproduce the bug: 1) close internet connection just before downloading start; 2) have a unpublished module in the suite to be downloaded.

#4 - 09/12/2012 04:32 PM - jianwu jianwu

At version 30650, kepler now throws and checks exception if the url is not accessible. It will popup a dialogue about the error.

To test it, change releaseLocation in module-manager/resources/configurations/configuration.xml to be "https://code.kepler-project.org/code/kepler/releases/test-releases/". And try to switch to master-slave-2.2.1.

I didn't add connection time out except throw and checking because it's hard to estimate the download time. Also module manager itself heavily use internet. I think it is reasonable to assume the internet is connected.

I think I can close the bug. I'll leave it open for a while for more tests.

#5 - 09/18/2012 05:14 PM - jianwu jianwu

it works for me at version 30710. re-assign Derik to test.

#6 - 09/18/2012 05:29 PM - Derik Barseghian

First I just tried to test downloading kepler-2.3.0 from kepler trunk, but now I just instantly get a bunch of Downloading messages:

```
[run] Downloading kepler-2.3.0...
```

```
[run] Downloading outreach-2.2.1...
```

etc., but no modules get downloaded to my system. I then get the new warning:

The following modules are not present:

kepler-2.3.0

Do you still want to exit the Module Manager?

If I click Yes, I get an error popup (which seems weird, why does this happen?)

The following modules are missing:

kepler-2.3.0

If I click OK I get some FileNotFoundExceptions related to trying to find install-path.txt at a bogus path (see below trace).

Please break out these other issues into different bugs as you see fit.

```
[run] AvailableModulesPanel notifying shutdown listeners of impending shutdown. Closing any open databases may
take awhile...
[run] AvailableModulesPanel Spawning new Kepler process
[run] JVM Memory = 5m 768m
[run] RunClasspath:kepler-2.3.0 /Users/derik/dev2/kepler.modules.regular/kepler-2.3.0/src
[run] Exception in thread "AWT-EventQueue-0" java.io.FileNotFoundException: /Users/derik/dev2/kepler.mod
ules.regular/kepler-tasks/lib/jar/build-area/install-path.txt (No such file or directory)
[run]     at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:106)
[run]     at org.kepler.modulemanager.gui.AvailableModulesPanel$1.done(AvailableModulesPanel.java:249)
[run] Kepler failed to launch. Trying to launch Module Manager GUI using basePath:/Users/derik/dev2/kepl
er.modules.regular/kepler-tasks/lib/jar
[run] The base dir is /Users/derik/dev2/kepler.modules.regular/kepler-tasks/lib/jar
[run]     at javax.swing.SwingWorker$5.run(SwingWorker.java:717)
[run]     at javax.swing.SwingWorker$DoSubmitAccumulativeRunnable.run(SwingWorker.java:814)
[run]     at sun.swing.AccumulativeRunnable.run(AccumulativeRunnable.java:95)
[run]     at javax.swing.SwingWorker$DoSubmitAccumulativeRunnable.actionPerformed(SwingWorker.java:824)
[run]     at javax.swing.Timer.fireActionPerformed(Timer.java:291)
[run]     at javax.swing.Timer$DoPostEvent.run(Timer.java:221)
[run]     at java.awt.event.InvocationEvent.dispatch(InvocationEvent.java:209)
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[run]     at java.awt.Component.setVisible(Component.java:1543)
[run]     at java.awt.Window.setVisible(Window.java:843)
[run]     at java.awt.Dialog.setVisible(Dialog.java:984)
[run]     at org.kepler.modulemanager.gui.ModuleManagerAction.actionPerformed(ModuleManagerAction.java:6
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[run]     at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2028)
[run]     at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2351)
[run]     at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:387)
[run]     at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:242)
[run]     at javax.swing.AbstractButton.doClick(AbstractButton.java:389)
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[run]     at java.awt.EventQueue$3.run(EventQueue.java:677)
[run]     at java.awt.EventQueue$3.run(EventQueue.java:675)
```

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[run] at java.security.AccessControlContext$1.doIntersectionPrivilege(AccessControlContext.java:87)
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[run] at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:188)
[run] at java.awt.EventDispatchThread.run(EventDispatchThread.java:122)
[run] Caused by: java.io.FileNotFoundException: /Users/derik/dev2/kepler.modules.regular/kepler-tasks/lib/jar/build-area/install-path.txt (No such file or directory)
[run] at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:106)
[run] at org.kepler.build.runner.Kepler.main(Kepler.java:109)
[run] at org.kepler.build.Run.runSuite(Run.java:252)
[run] at org.kepler.build.Run.run(Run.java:213)
[run] at org.kepler.build.modules.ModulesTask.execute(ModulesTask.java:102)
[run] ... 55 more
[run] Caused by: java.io.FileNotFoundException: /Users/derik/dev2/kepler.modules.regular/kepler-tasks/lib/jar/build-area/install-path.txt (No such file or directory)
[run] at java.io.FileOutputStream.open(Native Method)
[run] at java.io.FileOutputStream.<init>(FileOutputStream.java:194)
[run] at java.io.FileOutputStream.<init>(FileOutputStream.java:145)
[run] at java.io.FileWriter.<init>(FileWriter.java:73)
[run] at org.kepler.build.installer.InstallationIdTxt.createInstallPath(InstallationIdTxt.java:119)
[run] at org.kepler.build.installer.InstallationIdTxt.check(InstallationIdTxt.java:77)
[run] at org.kepler.build.runner.Kepler.run(Kepler.java:136)
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[run] ... 59 more
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```

#7 - 09/19/2012 03:59 PM - Derik Barseghian

Re: comment6, this was likely caused by having 0-sized zip files in my trunk kepler.modules checkout. Last night I forgot when working off trunk, zips get downloaded here, instead of KeplerData/kepler.modules/

#8 - 09/19/2012 04:18 PM - Derik Barseghian

Ok I tried Jianwu's scenario is comment4 and got the new error alert, so that works. "Downloading" messages still appear on console even when you already have the zips. A fix for this wasn't immediately apparent, so I adjusted the msg to say "Downloading (if necessary)" and added a FIXME to the code. I added a bug for this: bug#5716

#9 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5489