

## Robotics Systems Types - Tasks #1753

### Document how to use RST for java with Maven

02/07/2014 04:09 PM - J. Wienke

<b>Status:</b>	Resolved	<b>Start date:</b>	02/07/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	S. Sharma	<b>% Done:</b>	100%
<b>Category:</b>	documentation	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.11		
<b>Description</b>			
Document how user of RST can use the package from the citec repository in their client projects.			

#### Associated revisions

##### Revision 329942e5 - 02/19/2014 02:15 PM - J. Wienke

fixes #1753: explain maven repo usage

Explain how to use the maven CITEC repository for user projects.

Incorporates changes proposed by Suchit Sharma.

##### Revision 7c4a71e7 - 02/19/2014 05:12 PM - J. Wienke

Fix CITEC maven repo URL

refs #1753

#### History

##### #1 - 02/11/2014 05:01 PM - S. Sharma

I was able to install and use rst by following the steps given in documentation .. there is a further link 'installing RST' (<http://docs.cor-lab.de/rst-manual/trunk/html/install.html#build-instructions>) in documentation which gives detailed installation steps.

I verified installation by running mvn install command from directory rst/rst-proto/build/java using pom-stable.xml.

- Is the the right way for verification ?

If it is then I think steps already mentioned should be enough for user to install and use RST

- do you think we need to add something to the documentation ?

##### #2 - 02/11/2014 05:41 PM - J. Moringen

Suchit Sharma wrote:

*I was able to install and use rst by following the steps given in documentation .. there is a further link 'installing RST' (<http://docs.cor-lab.de/rst-manual/trunk/html/install.html#build-instructions>) in documentation which gives detailed installation steps.*

*I verified installation by running mvn install command from directory rst/rst-proto/build/java using pom-stable.xml.*

*- Is the the right way for verification ?*

I think the idea was to explain how the project:rst artifact in the CITEC maven repository can be used in a maven-based project (i.e. without building

project:rst yourself).

It is still good that you verified the installation instructions, though.

### #3 - 02/11/2014 06:57 PM - J. Moringen

As Johannes remarked in #1732, you probably have to describe how to add the CITEC maven repository configuration, i.e. something like

```
<repositories>
<repository>
  <id>citec</id>
  <name>CITEC Maven Repository Server</name>
  <url>http://repo.cit-ec.uni-bielefeld.de/</url>
  <layout>default</layout>
  <releases>
    <enabled>true</enabled>
  </releases>
  <snapshots>
    <enabled>true</enabled>
  </snapshots>
</repository>
</repositories>
```

and use it in a project.

### #4 - 02/13/2014 05:43 PM - S. Sharma

- File 0001-Updated-for-maven-installation.patch added
- File 0002-minor-formatting.patch added
- % Done changed from 0 to 80

Attached are patches for changed documentation for rst.

### #5 - 02/13/2014 06:32 PM - J. Moringen

Did you already push the changes?

### #6 - 02/13/2014 08:41 PM - S. Sharma

Yes, I have pushed the changes. I thought I had to push the changes .. Was I supposed to do that?

### #7 - 02/13/2014 09:05 PM - J. Moringen

Of course, we want to push the changes eventually.

However, the point of storing your patches into text files and uploading those to the Redmine issue is to give us an opportunity to review the changes and maybe suggest improvements before you actually push.

Don't worry. We don't do this for every little change. But in this case the topic is rather complicated, as Maven is concerned, so we wanted discuss and maybe improve your changes before adding them to the documentation.

But as I said, don't worry, it's not a big deal.

**#8 - 02/19/2014 02:17 PM - J. Wienke**

- Status changed from *New* to *Resolved*
- % Done changed from 80 to 100

Applied in changeset rst-manual|commit:329942e5586aa502d213ea969d1c6e8ef9310d0b.

**#9 - 02/19/2014 02:18 PM - J. Wienke**

I have clean up the changes a bit in the repo and force pushed a new commit. In case you want to use your existing clone of the rst-manual repository for further things you need to do the following now:

```
git reset --hard HEAD~2
git pull --ff-only
```

**Files**

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0001-Updated-for-maven-installation.patch	1.7 KB	02/13/2014	S. Sharma
0002-minor-formatting.patch	859 Bytes	02/13/2014	S. Sharma