



R. Berliner <rberliner@instrumentationassociates.com>

Re: Making progress

robert@42.co.nz <robert@42.co.nz>

Mon, Oct 17, 2016 at 12:41 AM

To: "R. Berliner" <rberliner@instrumentationassociates.com>

Hi Ron,

The development version is the dev branch. You can switch to it in signalk-core, signalk-server, and signalk-java. In eclipse I set a flag that is passed to maven '-P dev'. That causes the dev profile to be run, if you look in the pom you will see in in the <profiles> tag.

What that does is change the dependencies to use the locally built signalk-core etc, instead of pulling the JIT-Deploy-14 version from jitpack.io, which builds it on demand from a release in github.

So the process is

- 1) switch to dev branch
- 2) build signalk-core which will install it locally in maven
- 3) switch signalk-server to dev, and set the -Pdev flag in eclipse (netbeans will have a similar flag)
- 4) build signalk-server
- 5) switch to signak-java dir, and run with mvn -Pdev exec:java. You can probably do that in netbeans too,

One thing to keep in mind if you are working in signalk-server is that (in eclipse at least) I get code lookups into signalk-core from signalk-server, but when i run it they are not there unless I first build signalk-core - eg push it out to maven. Can be quite confusing sometimes, you double-click a classname, it opens a class (which you dont realise is in signalk-core) add a method, save all (no errors) and test and get 'method not found' or similar.

Rob

October 17 2016 2:49 PM, "R. Berliner" <rberliner@instrumentationassociates.com> wrote:

Hi Rob:

I suspected you were busy with making a living.

The best part about being (almost) retired is that you do not have to work every day (and every night). That is also the worst part about being retired.

I have made considerable progress.

I have sorted out the problem with signalk-core-java and have submitted a pull request.

I have also figured out what was going on with signalk-server-java. I use NetBeans for development (everything is up to Java Version 8) and NetBeans complains if the version information for packages is not included in the pom. You can vector on the error, open the pom and type version and NetBeans will help you find the latest ones. Does Eclipse do all of this without the need for human intervention?

I believe that if a version of the package exists in the local mvn epository, NetBeans will not care if the version info is not included.

In any event, I made small mods to the pom and sent a pull request.

My problem now is to figure out how to get the development version working on my laptop so that I can contribute. Do you start the server and then run signalk-core-java or does signalk-core-java start the server on its own?

I am also working on your suggestions for installing freeboard-sk

Ron

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Instrumentation Associates Mail - Re: Making progress

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