

Robotics Service Bus - Feature #1442

RPC should support argumentless methods properly

02/27/2013 04:13 PM - J. Moringen

Status:	Resolved	Start date:	02/27/2013
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	Java	Estimated time:	0.00 hour
Target version:	rsb-0.9		
Description			
There should be method signatures (if Java allows this) and unit tests for: <pre>RemoteServer.call("METHOD") // no argument RemoteServer.callAsync("METHOD")</pre> Also, RemoteServer.call("METHOD", null) should not trigger the event-based code path, treating null as an Event. Such a call should either signal an error or behave like the above signatures.			
Related issues:			
Related to Robotics Service Bus - Tasks # 1465: Provide better interface for ...		New	04/17/2013
Precedes Robotics Service Bus - Tasks # 1553: Reformat whole source code		Resolved	02/28/2013 02/28/2013

Associated revisions

Revision 990a47db - 07/03/2013 09:53 PM - J. Wienke

fixes #1442: Add argument-less and void methods to RPC

History

#1 - 03/22/2013 05:17 PM - S. Wrede

- Status changed from New to Feedback
- % Done changed from 0 to 60

Initial support is available in: [9a4cd505a9eba2939637623b55b7713cde7eda49](#)

The client-side API now supports parameterless calls such as:

```
remote.call("methodId")
```

The server-side API needs a bit of discussion, e.g., whether an additional type of callback interface would be handy (or not) given the fact that event handlers already have the required semantics for this case (primarily: no return value). As an alternative, one may also just use the existing callback interfaces and just return null.

#2 - 03/22/2013 05:24 PM - J. Moringen

Sorry, I cannot find the new signatures. Did your commit include all changes?

#3 - 03/23/2013 07:27 AM - S. Wrede

It should be part of the feature-branch, cf.:

<https://code.cor-lab.org/projects/rsb/repository/rsb-java/revisions/17e781209bb3a6b3b20b85bcc439fb3ffd06ee3b/diff/src/rsb/patterns/RemoteServer.java>

#4 - 06/06/2013 03:37 AM - J. Moringen

Sebastian: I looked at this once and it seemed fine (if I remember correctly). Would you rather first finish everything or can you merge the @RemoteServer part?

#5 - 07/03/2013 10:39 AM - J. Wienke

- Status changed from *Feedback* to *In Progress*
- Assignee changed from *S. Wrede* to *J. Wienke*

If it's ok, I would try to sort out the things remaining here.

#6 - 07/03/2013 10:35 PM - J. Wienke

- Status changed from *In Progress* to *Resolved*
- % Done changed from *60* to *100*

Applied in changeset rsb-java|commit:990a47dbf4885ecb61343665bf27c8044fc5a523.