

Java EE - FilePollerProject/src/com/jboss/lab/MyEsbAction.java - Eclipse SDK

File Edit Refactor Source Navigate Search Project Run Window Help

Project Explorer

- FilePollerProject
 - src
 - com.jboss.lab
 - MyEsbAction.java
 - MyEsbAction
 - JRE System Library [jre6]
 - JBoss ESB Runtime [JBoss SOA 5.0 Runti]
 - JBoss Enterprise Application Platform 5.
 - build
 - esbcontent
 - lib
 - META-INF
 - MyWAR

```
package com.jboss.lab;

import org.jboss.soa.esb.actions.AbstractActionLifecycle;
import org.jboss.soa.esb.helpers.ConfigTree;
import org.jboss.soa.esb.message.Message;

public class MyEsbAction extends AbstractActionLifecycle {
    public MyEsbAction(ConfigTree config) {
    }

    public Message process(Message message) {
        String messageString = new String((byte[]) message.getBody());
        System.out.println("Message Body2: " + messageString);
        // message.getBody().add("****" + messageString + "****");
        return message;
    }
}
```

Outline

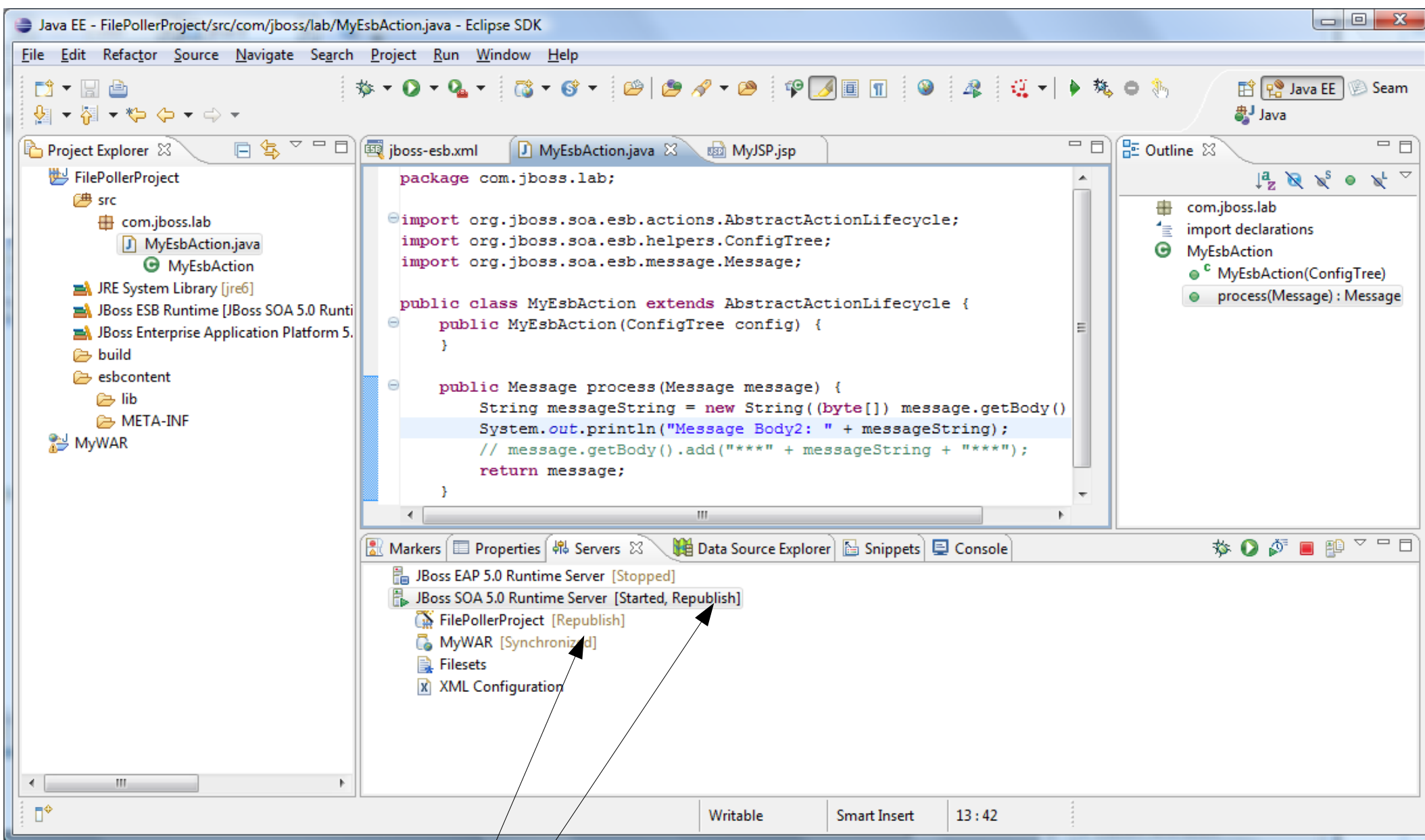
- com.jboss.lab
 - import declarations
 - MyEsbAction
 - MyEsbAction(ConfigTree)
 - process(Message) : Message

Markers Properties Servers Data Source Explorer Snippets Console

- JBoss EAP 5.0 Runtime Server [Stopped]
- JBoss SOA 5.0 Runtime Server [Started, Synchronized]
- FilePollerProject [Synchronized]
- MyWAR [Synchronized]
- Filesets
- XML Configuration

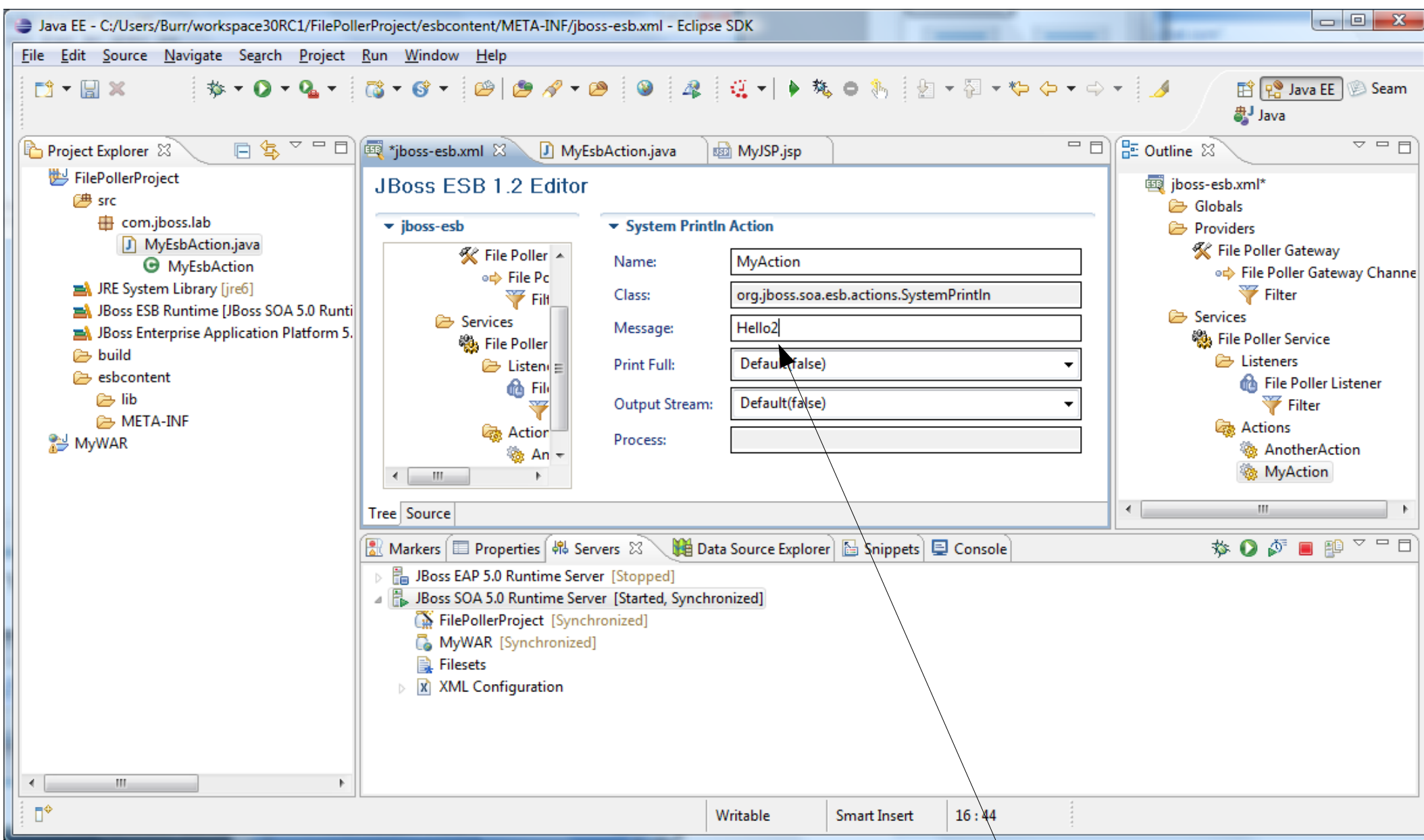
Writable Smart Insert 13 : 42

Change to a Custom Action – Select Save (see next slide)

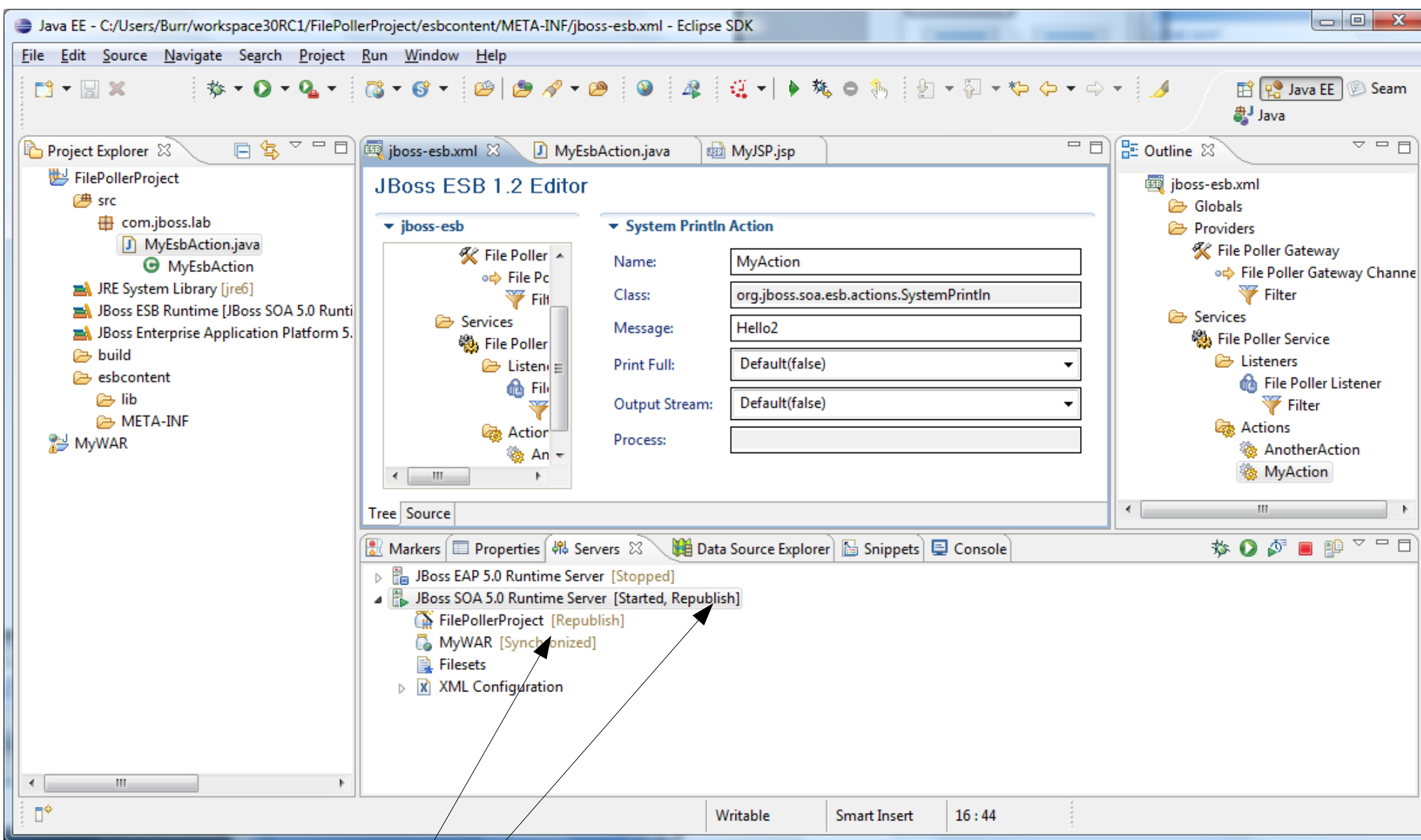


Causes a “Republish”

However, this change is not picked up by the engine because the `jboss-esb.xml` is not touched

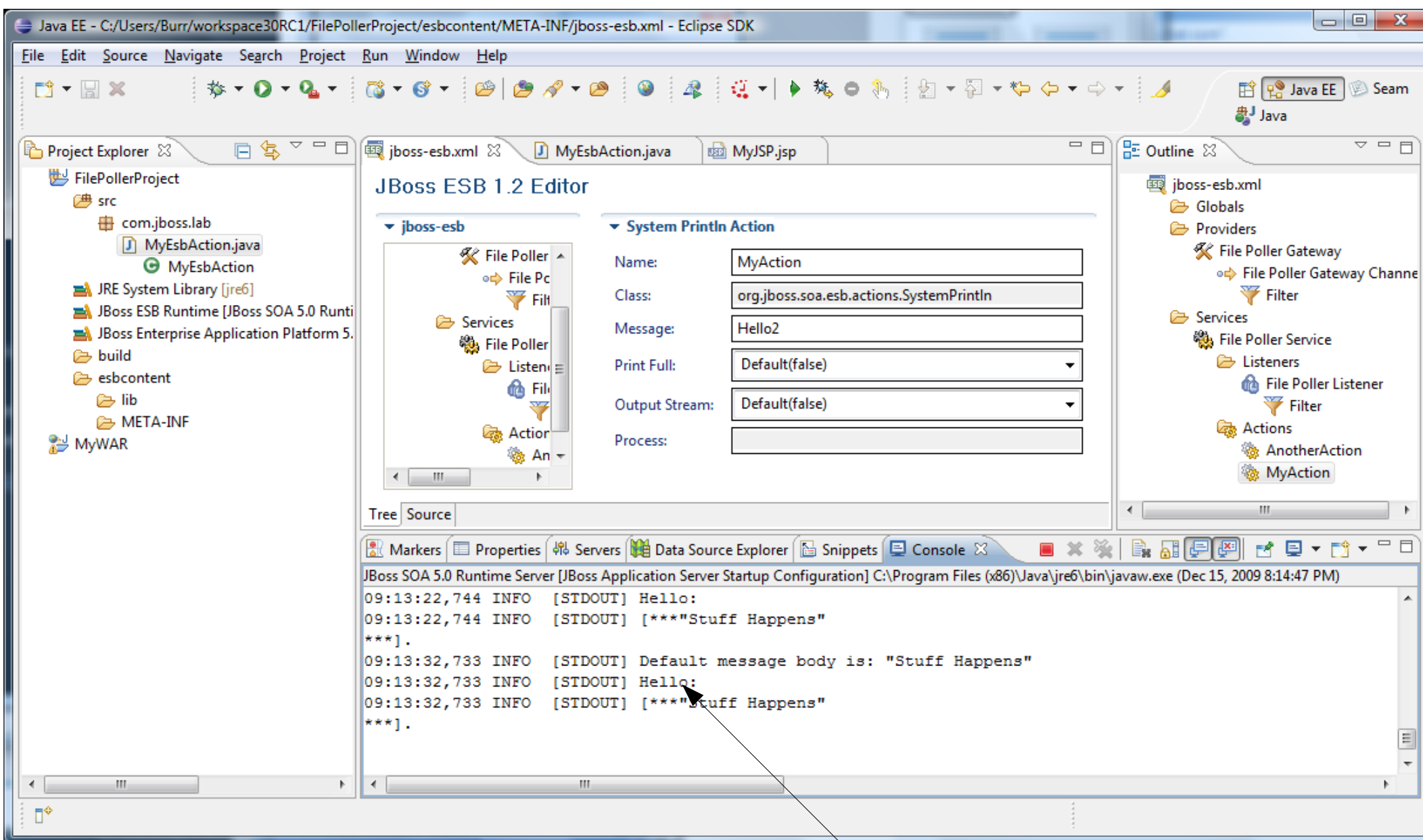


Change to the jboss-esb.xml – Select Save (see next slide)

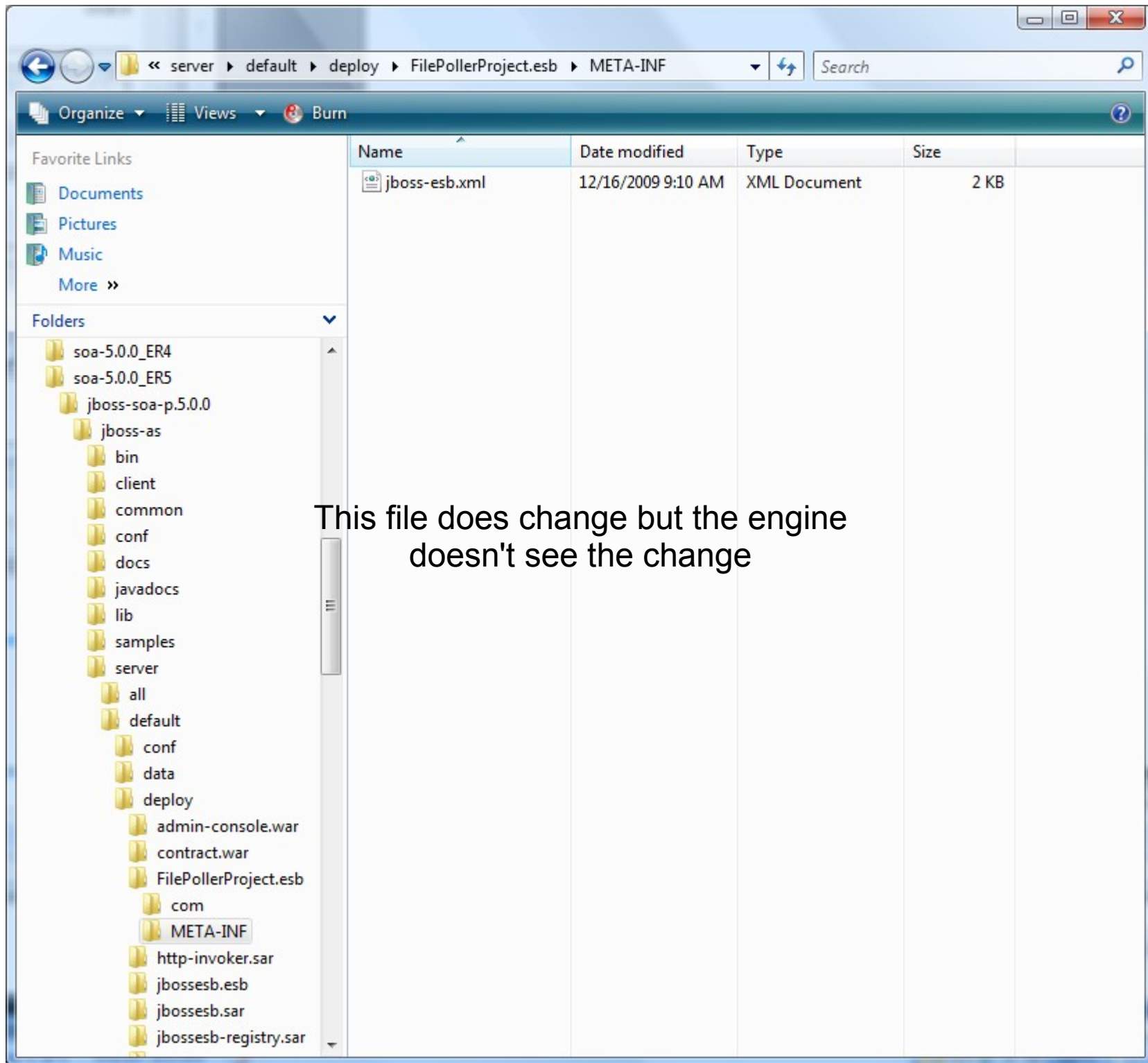


Causes a "Republish"

Change is not picked up, see next slide



Change not seen by the server



UltraEdit - [C:\test\soa-5.0.0_ER5\jboss-soa-p.5.0.0\jboss-as\server\default\deploy\FilePollerProject.esb\META-INF\jboss-esb.xml]

File Edit Search Insert Project View Format Column Macro Scripting Advanced Window Help

C:\test\soa-5.0.0_ER5\jboss-soa-p.5.0.0\jboss-as\server\default\deploy\FilePollerProject.esb\META-INF\jboss-esb.xml

File View Open Files

Project Open Explorer

Filter: **

C:\test\soa-5.0.0_ER5\jboss-soa-p.5.0.0\jboss-as\server\default\deploy\FilePollerProject.esb\META-INF\jboss-esb.xml

```
1 <?xml version="1.0"?>
2 <jbossesb parameterReloadSecs="5"
3   xmlns="http://anonsvn.labs.jboss.com/labs/jbossesb/trunk/product/etc/schemas/xml/jbossesb-1.2.0.xsd"
4   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://anonsvn.labs.jboss.com/labs/jbossesb/trunk/product/etc/schemas/xml/jbossesb-1.2.0.xsd http://www.w3.org/2001/XMLSchema-instance#xsi:schemaLocation">
5   <providers>
6     <fs-provider name="File Poller Gateway">
7       <fs-bus busid="File Poller Gateway Channel">
8         <fs-message-filter directory="/tmp2" input-suffix="esbfile2"/>
9       </fs-bus>
10    </fs-provider>
11  </providers>
12  <services>
13    <service category="lab services"
14      description="My File Poller Service Description" invmScope="GLOBAL" name="File Poller Service">
15      <listeners>
16        <fs-listener busidref="File Poller Gateway Channel"
17          is-gateway="true" name="File Poller Listener"/>
18      </listeners>
19      <actions mep="OneWay">
20        <action class="com.jboss.lab.MyEsbAction" name="AnotherAction"/>
21        <action class="org.jboss.soa.esb.actions.SystemPrintln" name="MyAction">
22          <property name="message" value="Hello2"/>
23        </action>
24      </actions>
25    </service>
26  </services>
27 </jbossesb>
28
```

Output Window

No output!

Template List

0
1
2
3

For Help, press F1

Ln 28, Col 1, C0

DOS XML

Mod: 12/16/2009 9:10:28 AM File Size: 1234

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Clipboard History
Macro List
Script List
XML Manager

Server restart is required, Full Republish didn't work