

• BI Platform POJO Components

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• Overview

- Understanding Action Sequences
- PojoComponent API

• Simple Examples

- TwitterPojo
 - post a message to twitter
- SessionInfoPojo
 - get username and roles from a session
- OutputPojo
 - hello world html output

• 3.5 Platform PojoComponent Examples

- SimpleReportingComponent
 - <http://source.pentaho.org/svnroot/platform-plugins/reporting-plugin>
- MetadataQueryComponent
 - <http://source.pentaho.org/svnroot/bi-platform-v2/trunk/bi-platform-plugin-actions>
- ChartComponent
 - <http://source.pentaho.org/svnroot/bi-platform-v2/trunk/bi-platform-plugin-actions>

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• BI Platform Component Overview

• Why we use Action Sequences

- Practically speaking, it's a BI programming language
- What can you do? Scheduling, Permissions, Prompting, etc
- Many existing components available

• IComponent API

• PojoComponent API

- setters, validate(), execute(), getters, done().
- Additional capabilities: logger, session, inputs, resources, outputs, outputstream (and mimetype), config

• Design Studio

- Custom Component
- Action Sequence DOM, GUI development for Components

•Resources

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- The Source
 - PojoComponent Source: <http://source.pentaho.org/svnroot/bi-platform-v2/trunk/bi-platform-engine-services>
 - EchoComponent: <http://source.pentaho.org/svnroot/bi-platform-v2/trunk/bi-platform-plugins>
- Wiki
 - <http://wiki.pentaho.com/display/ServerDoc2x/Creating+a+BI+Platform+PojoComponent>
- Presentation Examples
 - Available as part of the forum discussion
<http://forums.pentaho.org/showthread.php?t=71872>