

BIRT 1.0.1 Projects & Extension Points



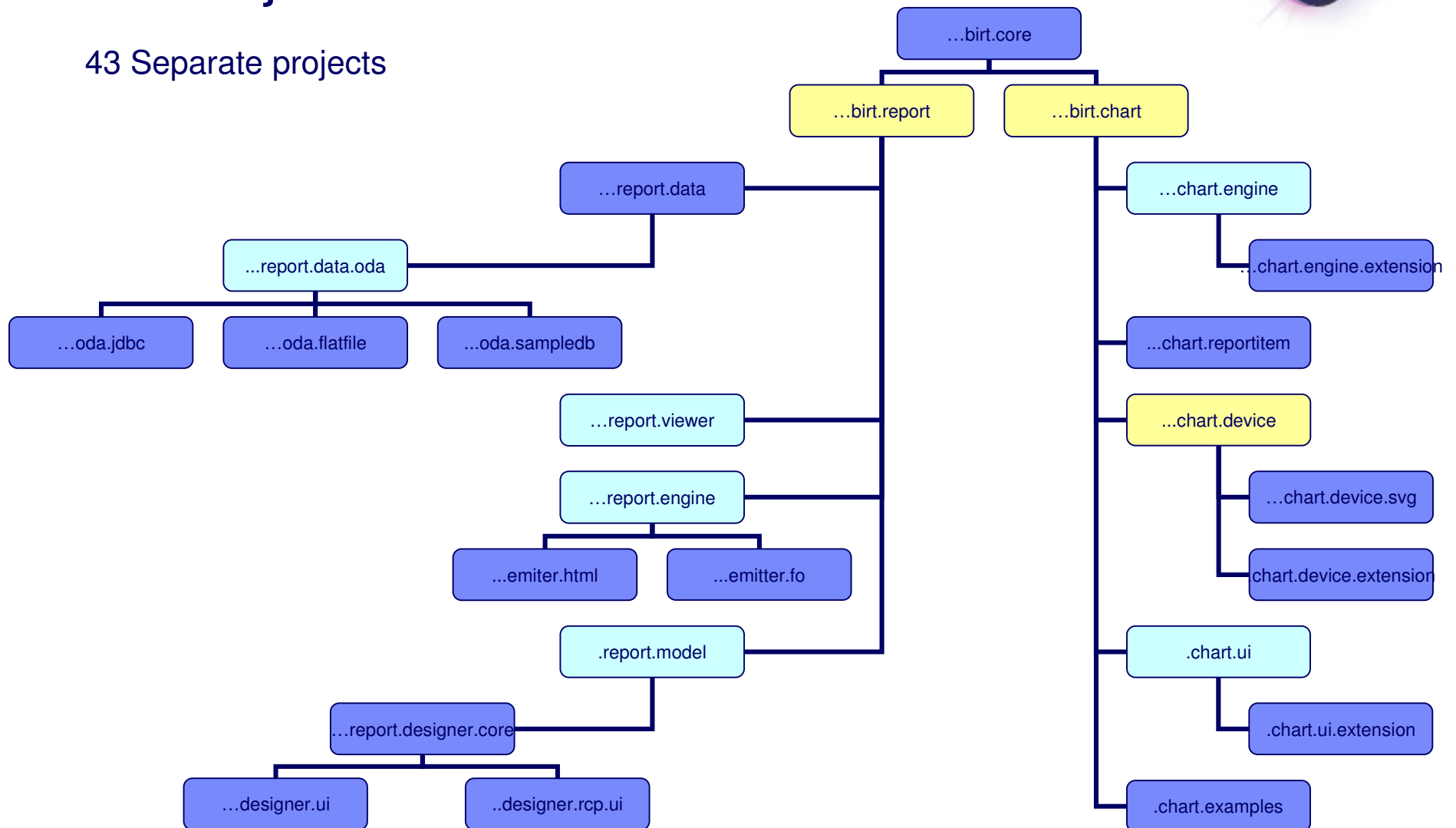
Package Name	Extension Point
org.eclipse.birt core	
org.eclipse.birt report model	reportItemModel encryptionHelper
org.eclipse.birt report designer core	
org.eclipse.birt report designer ui	odaDataSource reportItemUI
org.eclipse.birt report designer rcpt ui	
org.eclipse.birt report data	
org.eclipse.birt report data oda	dataSource
org.eclipse.birt report data oda flatfile	
org.eclipse.birt report data oda flatfile ui	
org.eclipse.birt report data oda jdbc	
org.eclipse.birt report data oda jdbc ui	
org.eclipse.birt report data oda sampled	
org.eclipse.birt report data oda sampled ui	
org.eclipse.birt report viewer	browser
org.eclipse.birt report engine	reportItemGeneration reportItemPresentation emitters reportItemQuery
org.eclipse.birt report engine emitter html	
org.eclipse.birt report engine emitter fo	

Package Name	Extension Point
org.eclipse.birt chart engine	modelrenderers datasetprocessors displayservers deviceRenderers aggregatefunctions
org.eclipse.birt chart engine extension	
org.eclipse.birt chart reportitem	
org.eclipse.birt chart device svg	
org.eclipse.birt chart device extension	
org.eclipse.birt chart ui	uisheets types changelisteners seriescomposites
org.eclipse.birt chart ui extension	
org.eclipse.birt chart examples	

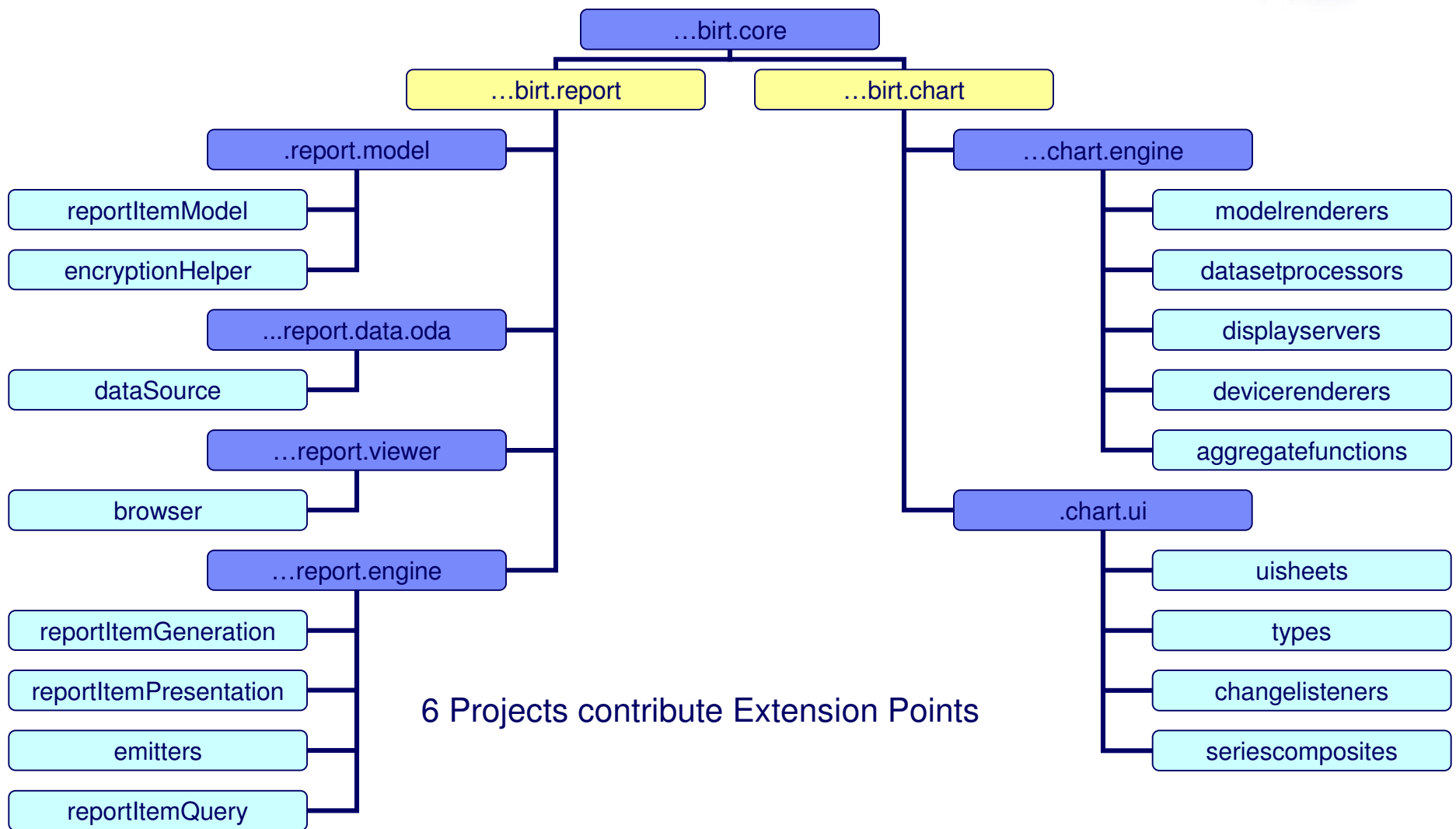
BIRT Project Tree



43 Separate projects



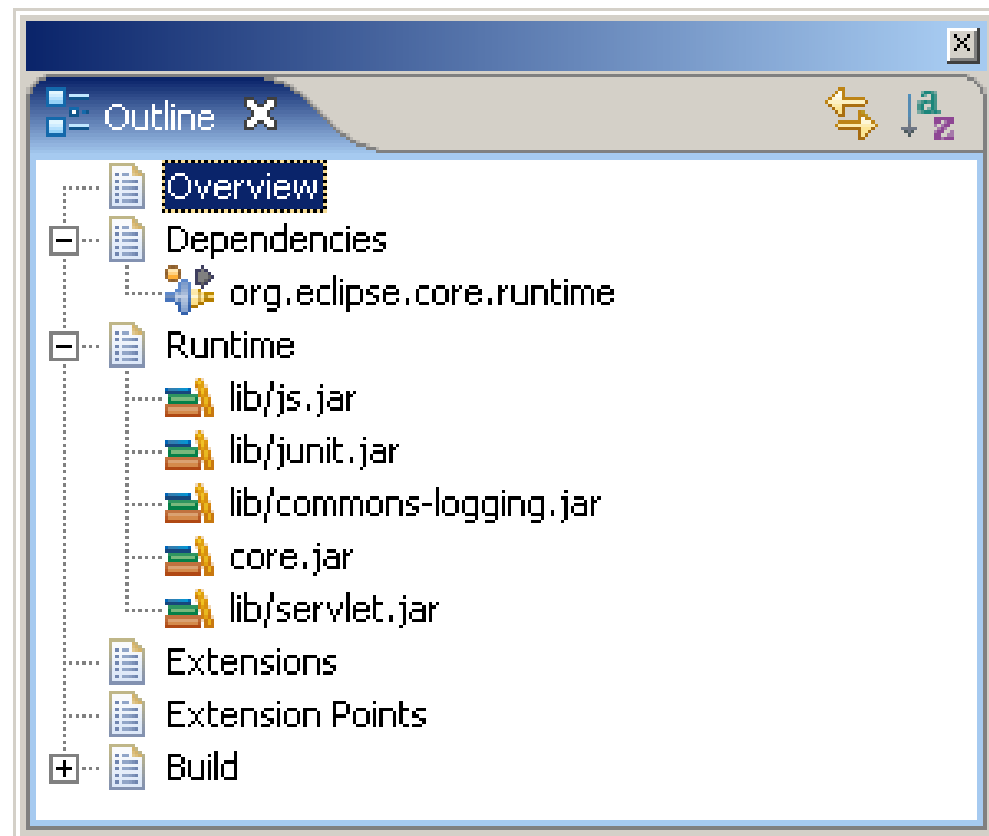
BIRT Extension Points



org.eclipse.birt.core



Contains the framework for loading the plug-ins at run-time. It also contains classes that are useful for other modules.

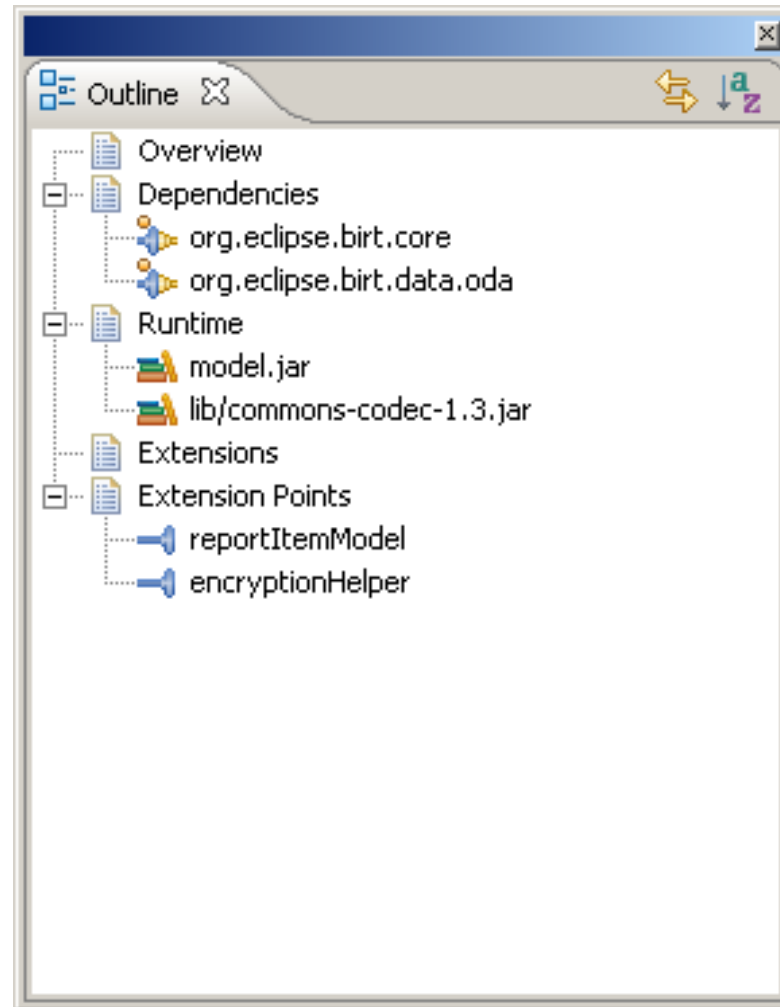


org.eclipse.birt.report.model



Contains the classes that comprise the BIRT report object model.

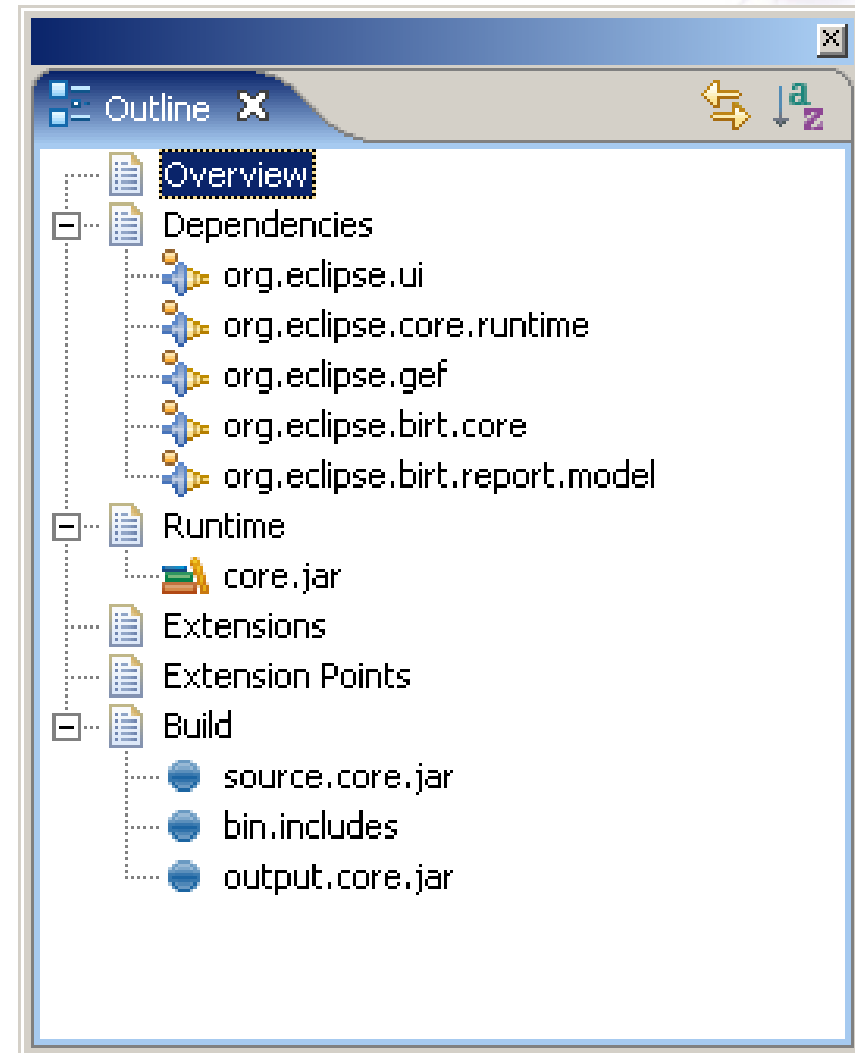
- **reportItemModel**
- **encryptionHelper**



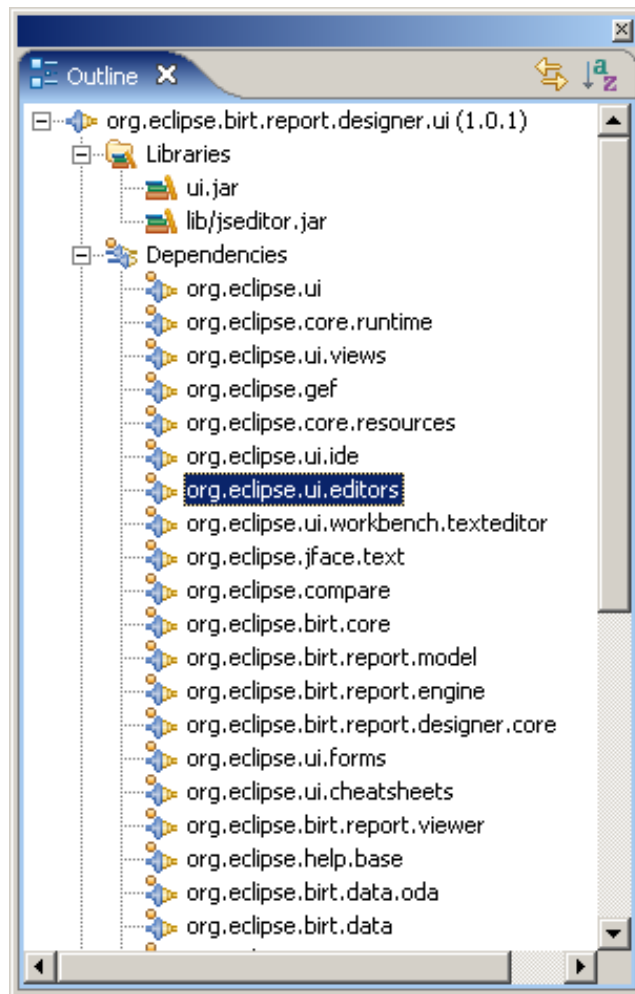
org.eclipse.birt.report.designer.core



Contains the core classes of the BIRT Report Designer, including classes that interact with the BIRT model, localization classes, and other utility classes.

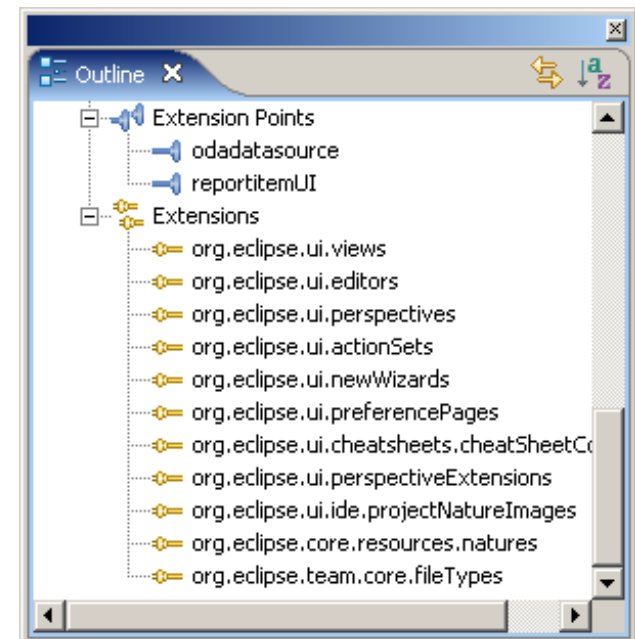


org.eclipse.birt.report.designer.ui



Contains the classes that make up the BIRT Report Designer.

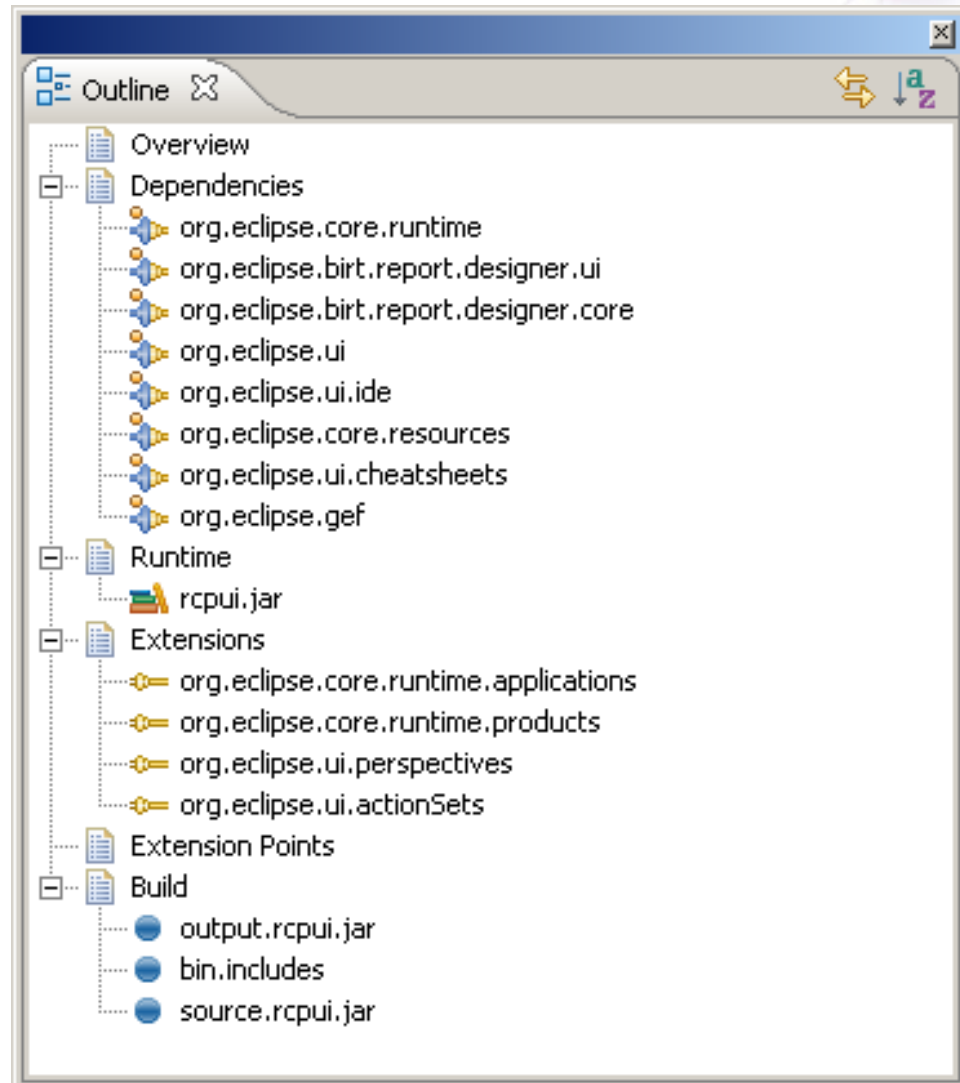
- **odatasource**
- **reportitemUI**



org.eclipse.birt.report.designer.rcp.ui



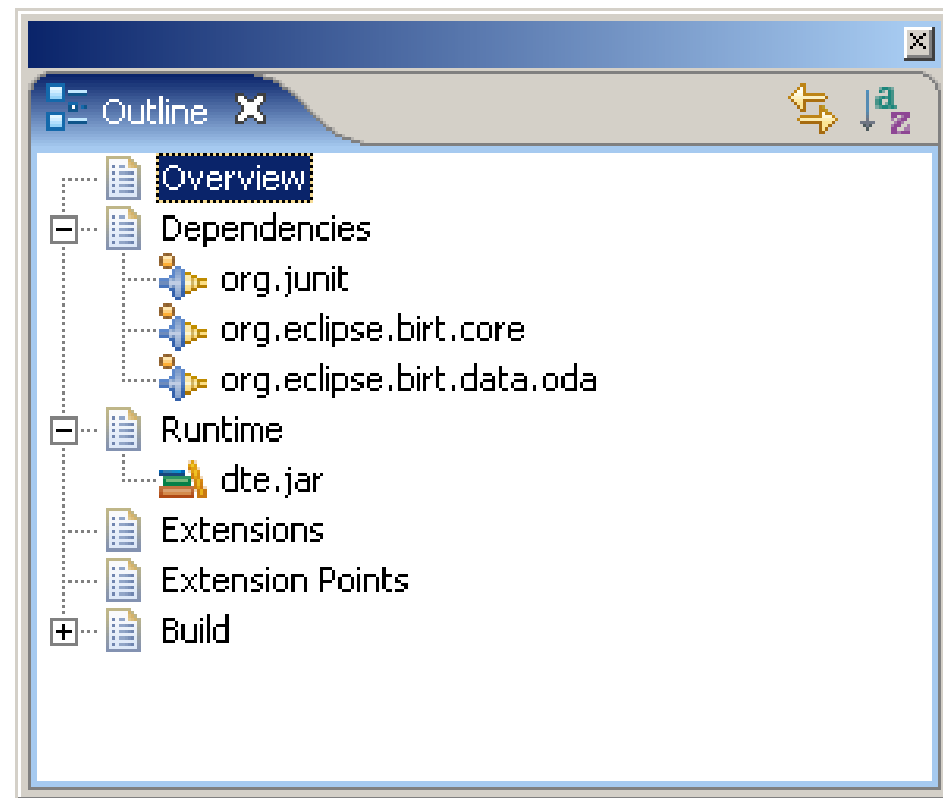
Is only included with the rich client platform (RCP) user interface and not BIRT Report Designer and SDK.



org.eclipse.birt.data



Contains the data engine and ODA driver implementations to access data sources from org.eclipse.birt. It also contains classes to apply transformations to the data sources.

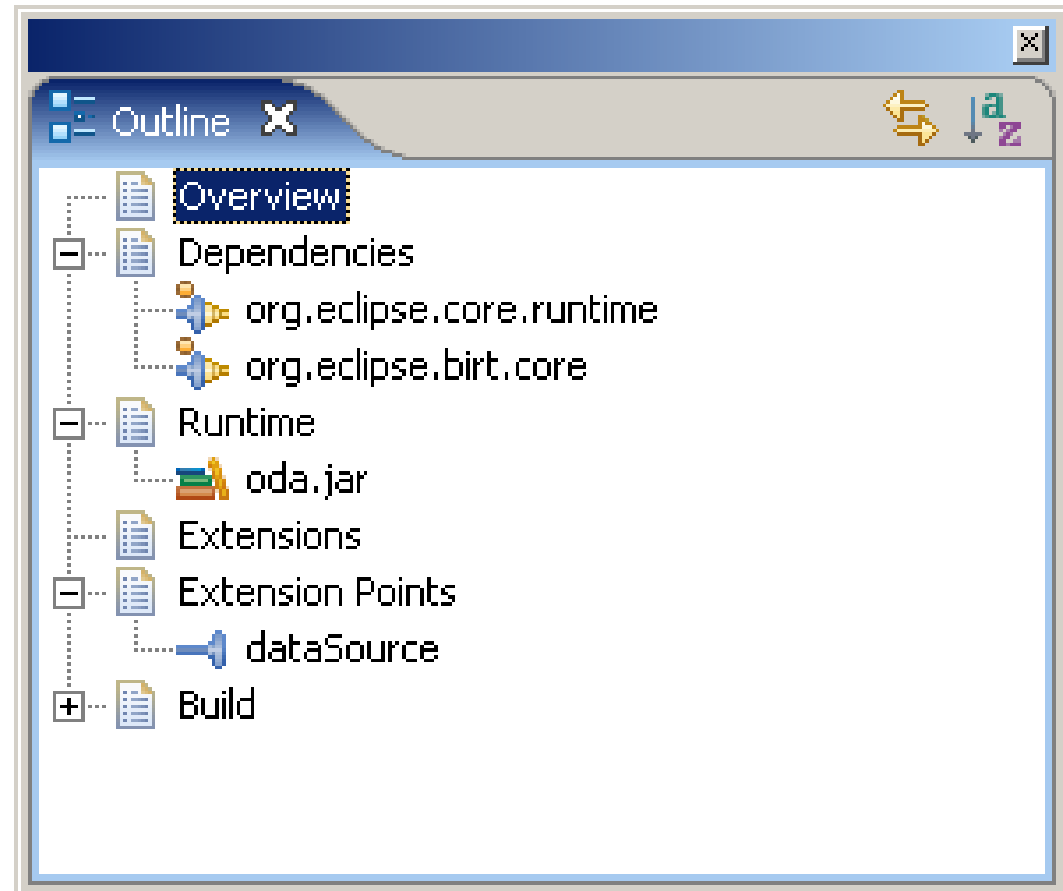


org.eclipse.birt.data.oda



Contains the ODA driver implementations to access data sources from org.eclipse.birt.

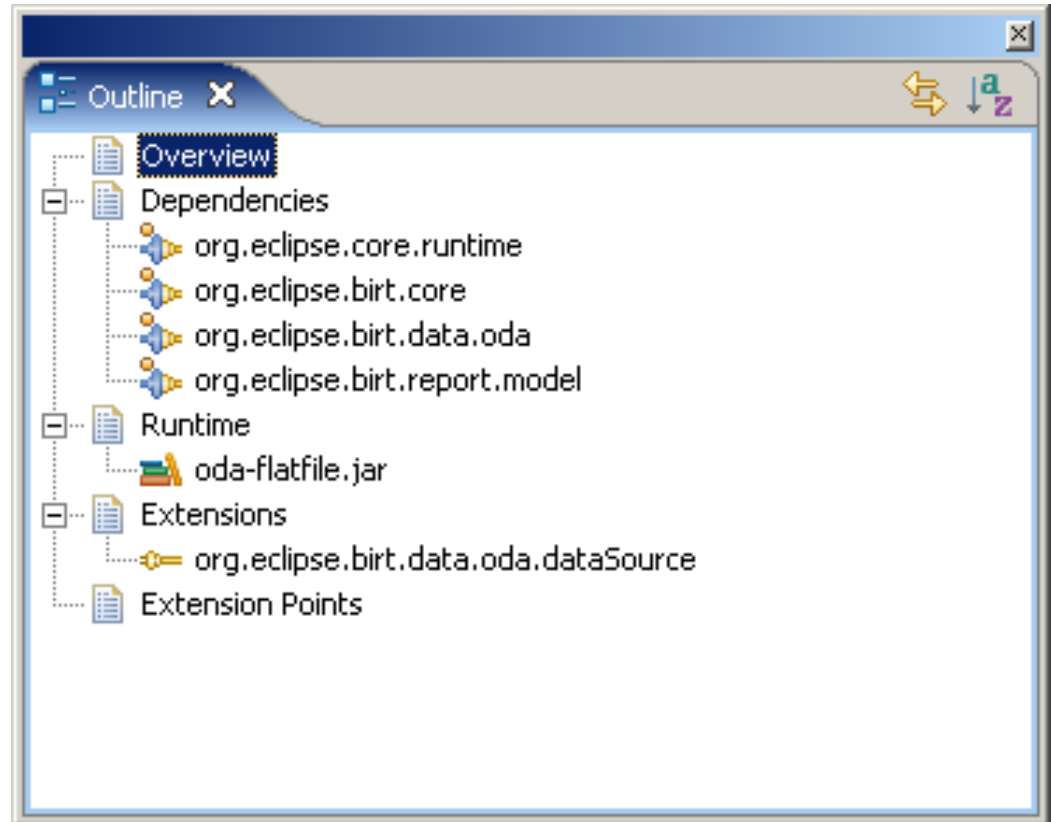
- **dataSource**



org.eclipse.birt.report.data.oda.flatfile



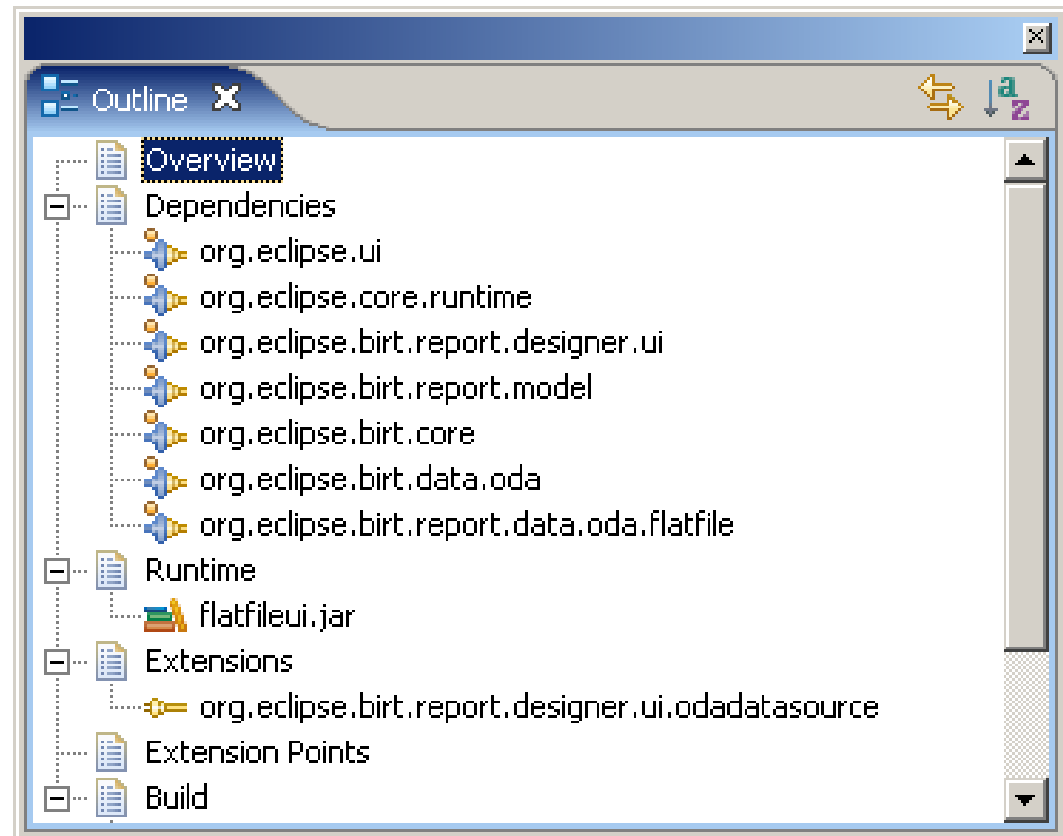
Contains the data engine
and ODA driver
implementation for a to
access flat file data sources
from org.eclipse.birt.



org.eclipse.birt.report.data.oda.flatfile.ui



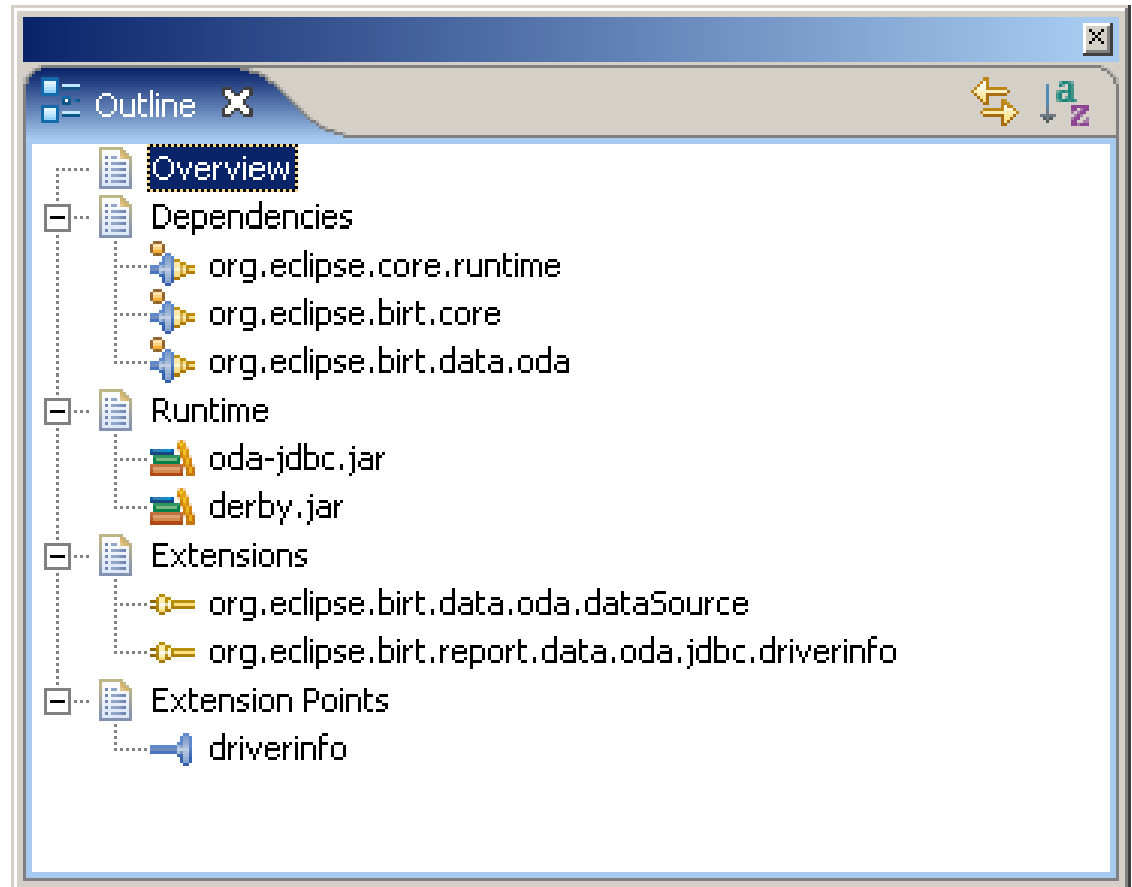
Contains the user interface code for an ODA flat file data source.



org.eclipse.birt.report.data.oda.jdbc



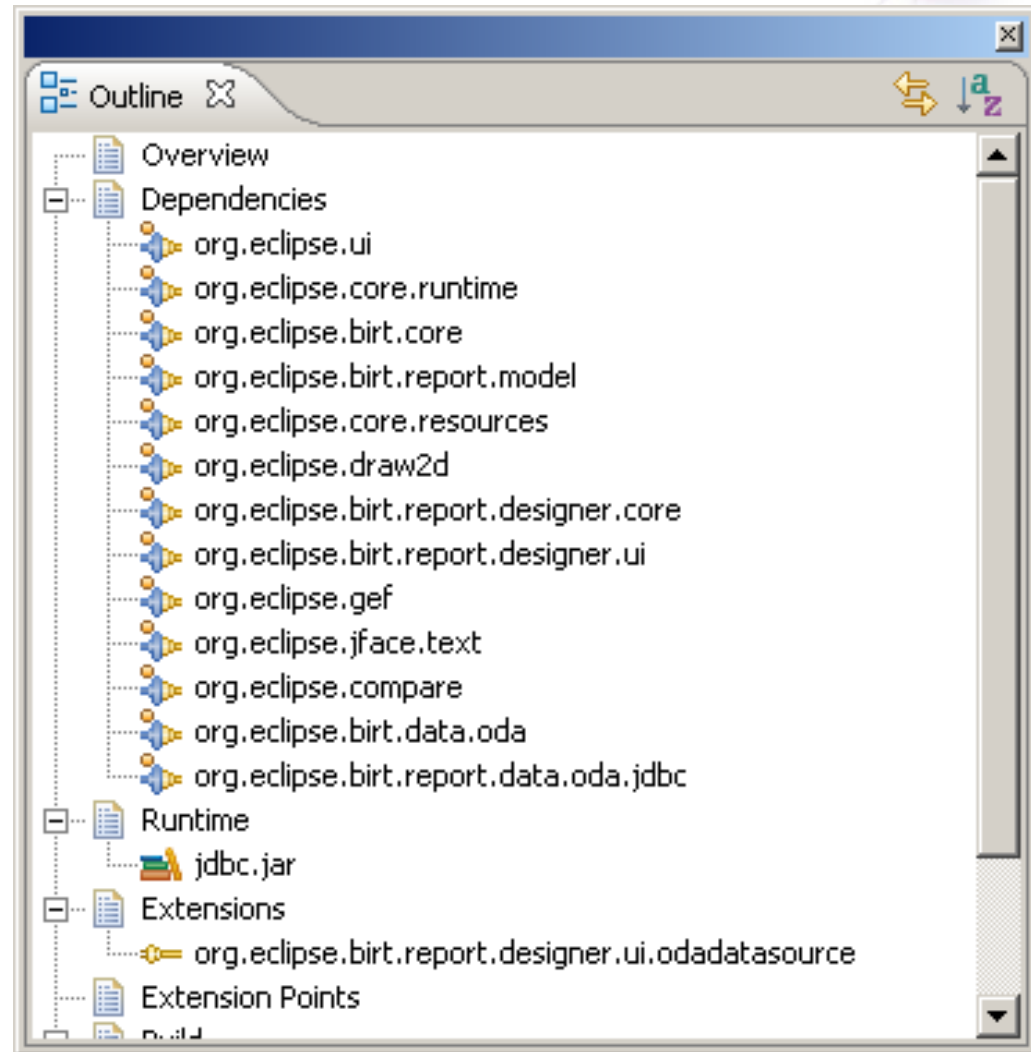
Contains the ODA drivers for accessing a JDBC data source. It also has third party drivers for several third party databases, such as Informix, Oracle, PostgreSQL, MySQL, and IBM DB2.



org.eclipse.birt.report.data.oda.jdbc.ui



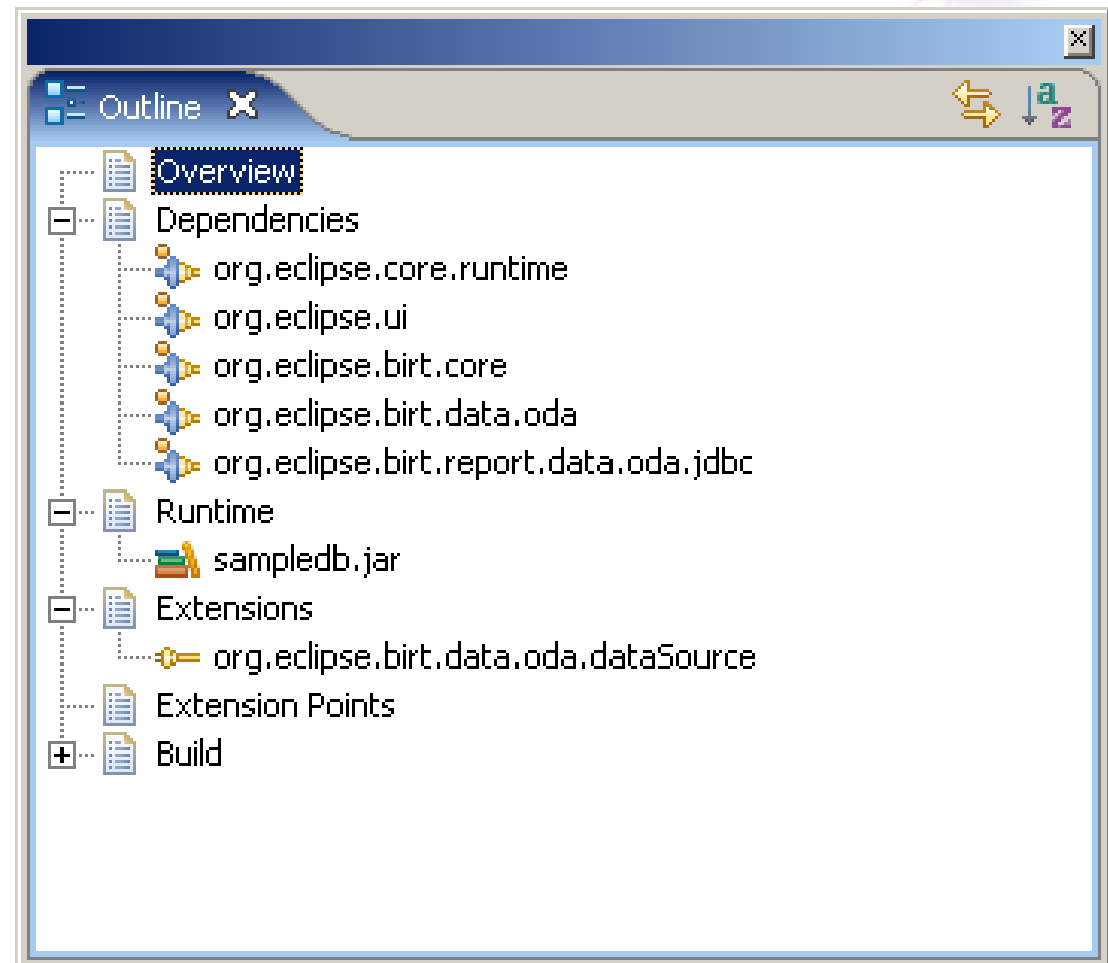
Contains the user interface
for the ODA JDBC driver.



org.eclipse.birt.report.data.oda.sampledb



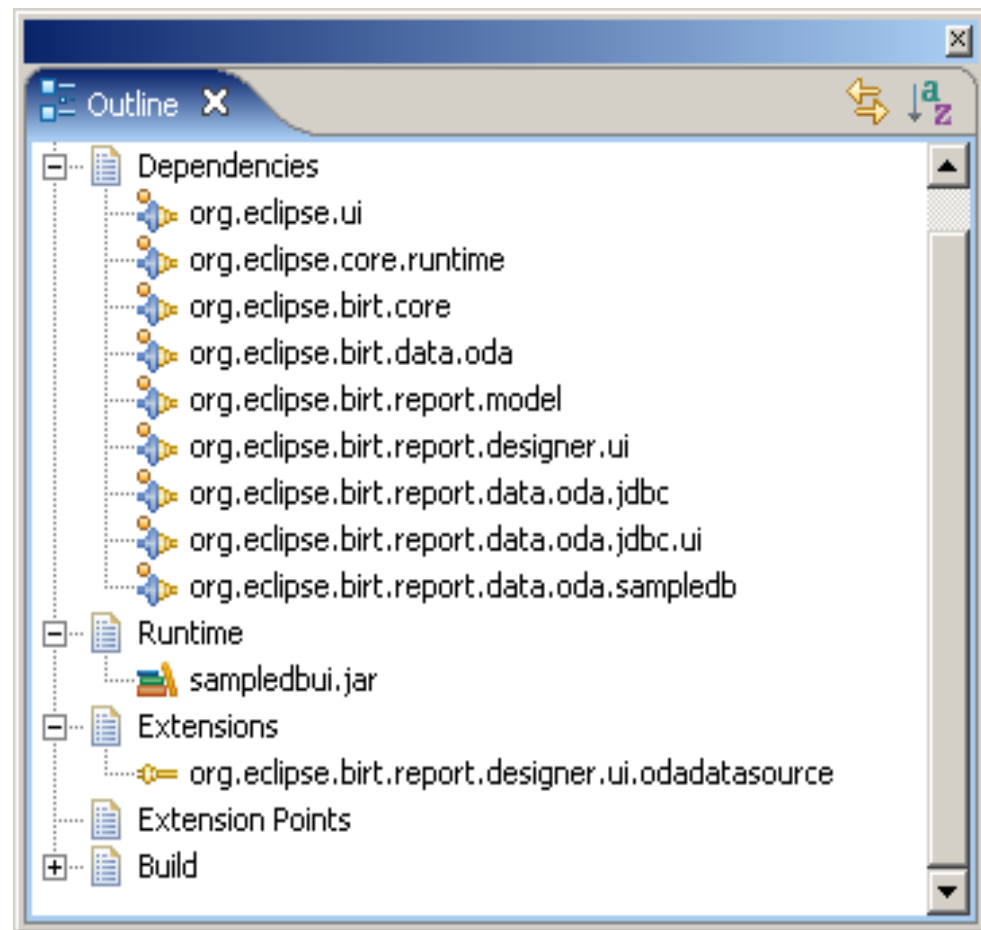
Contains an example of a custom ODA plug-in. This plug-in contains a subdirectory called db, which holds a sample database.



org.eclipse.birt.report.data.oda.sampledb.ui



Contains a single Java class file, SampleDataSetEditor that provides the functionality to edit an ODA data set.

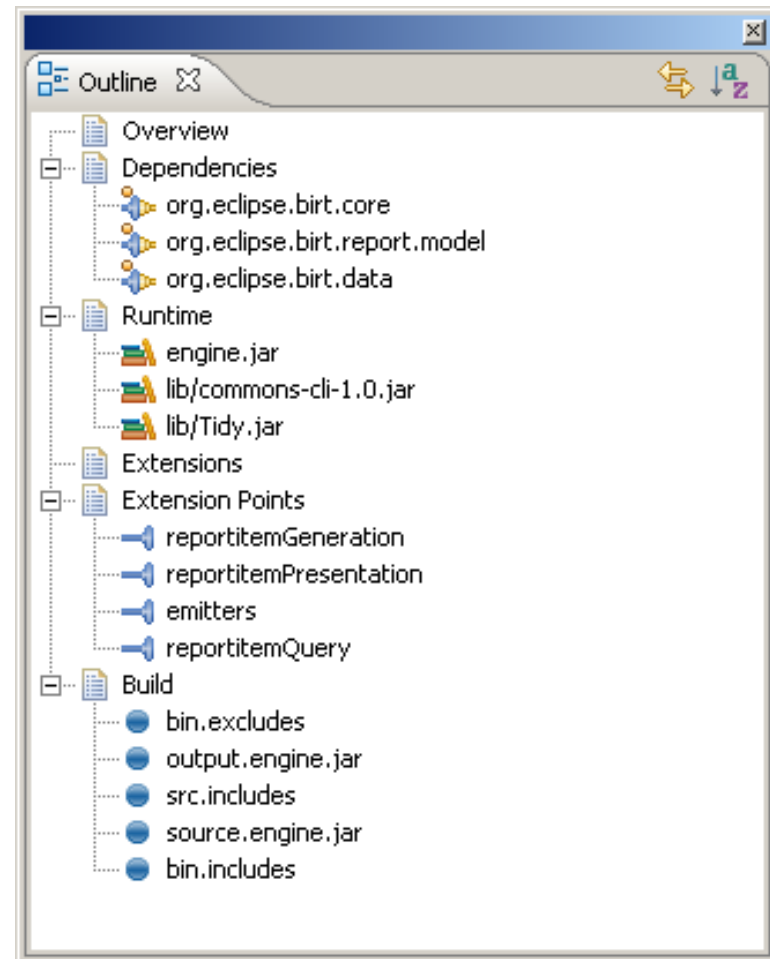


org.eclipse.birt.report.engine



Contains the classes that comprise the BIRT report engine, which generates a report from a report design.

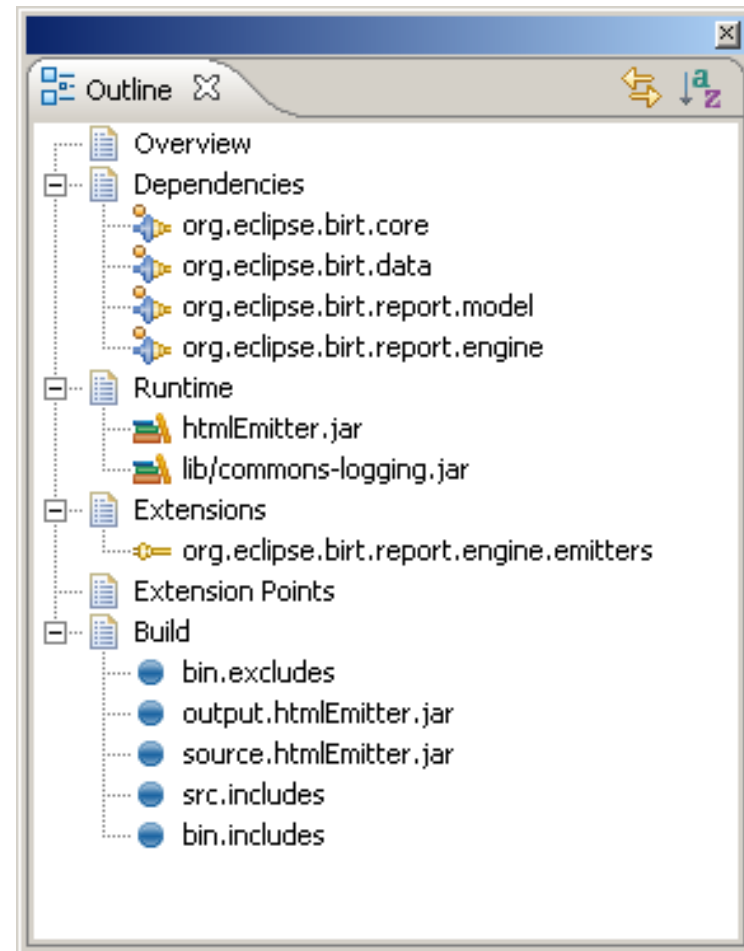
- **reportitemGeneration**
- **reportitemPresentation**
- **emitters**
- **reportItemQuery**



org.eclipse.birt.report.engine.emitter.html



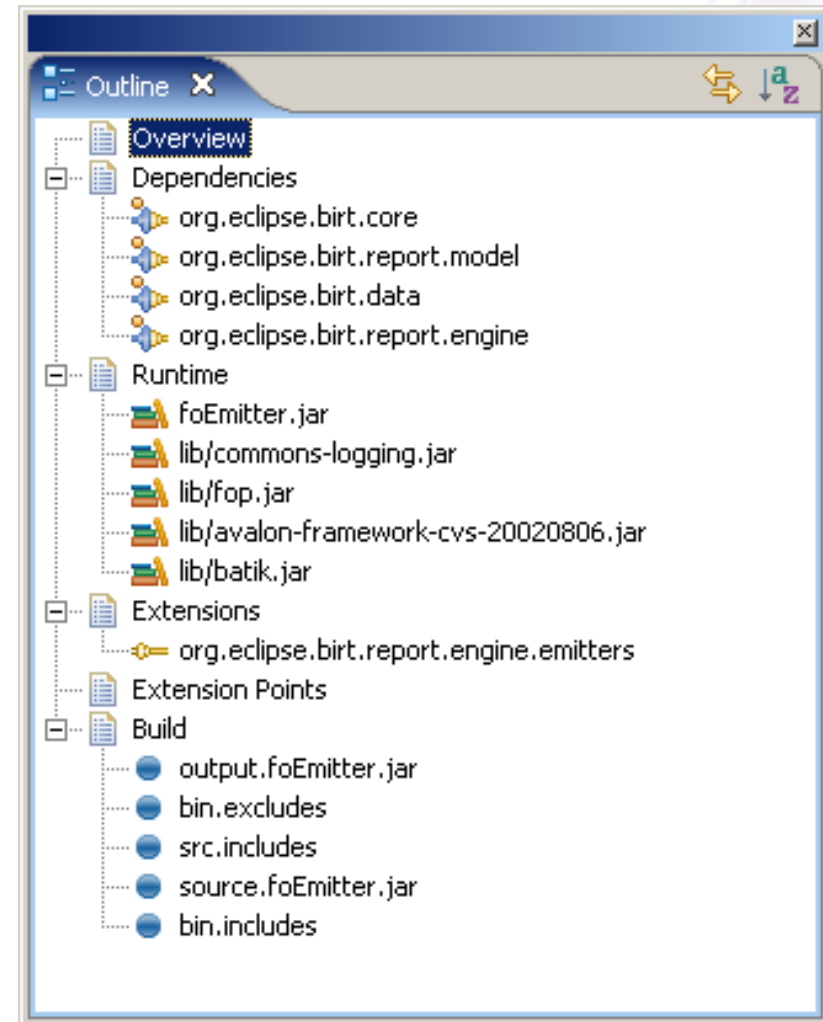
Contains the classes
generating report output
using hypertext markup
language (HTML.)



org.eclipse.birt.report.engine.emitter.fo



Contains the classes
generating report output
using extensible stylesheet
language formatting objects
(XSLFO).

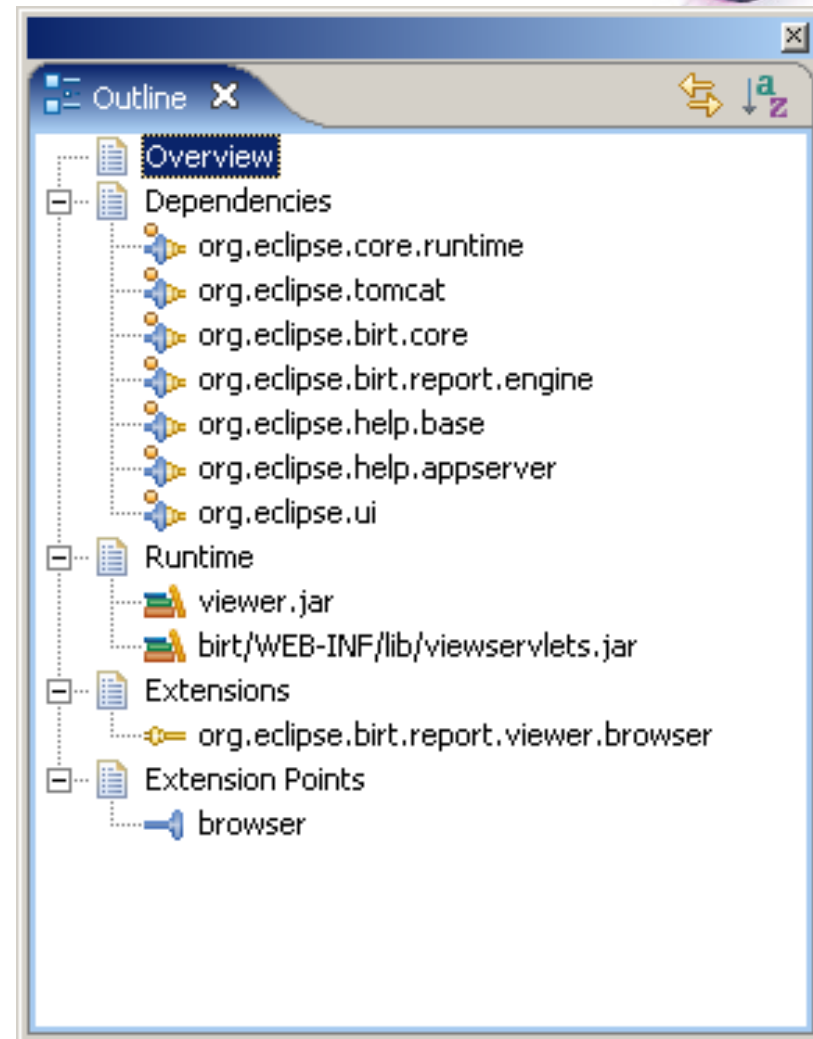


org.eclipse.birt.report.viewer



Contains the classes for the BIRT report viewer. This plug-in also contains the viewer application for a J2EE container.

- **browser**

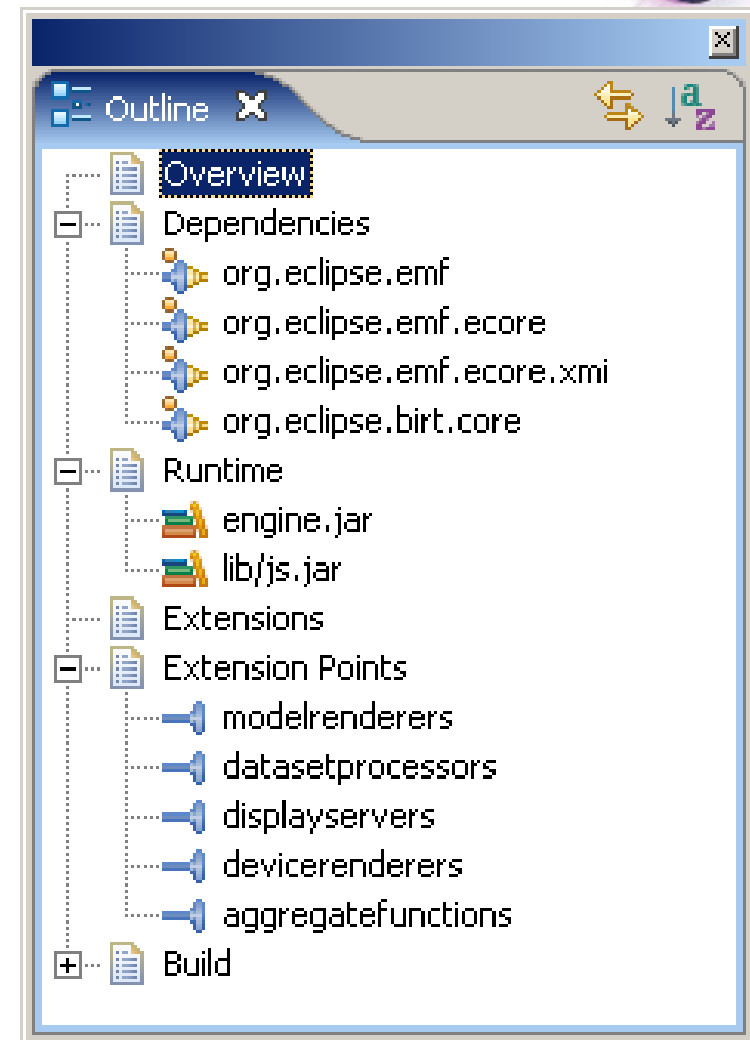


org.eclipse.birt.chart.engine



Contains chart model and factory classes for the charting component.

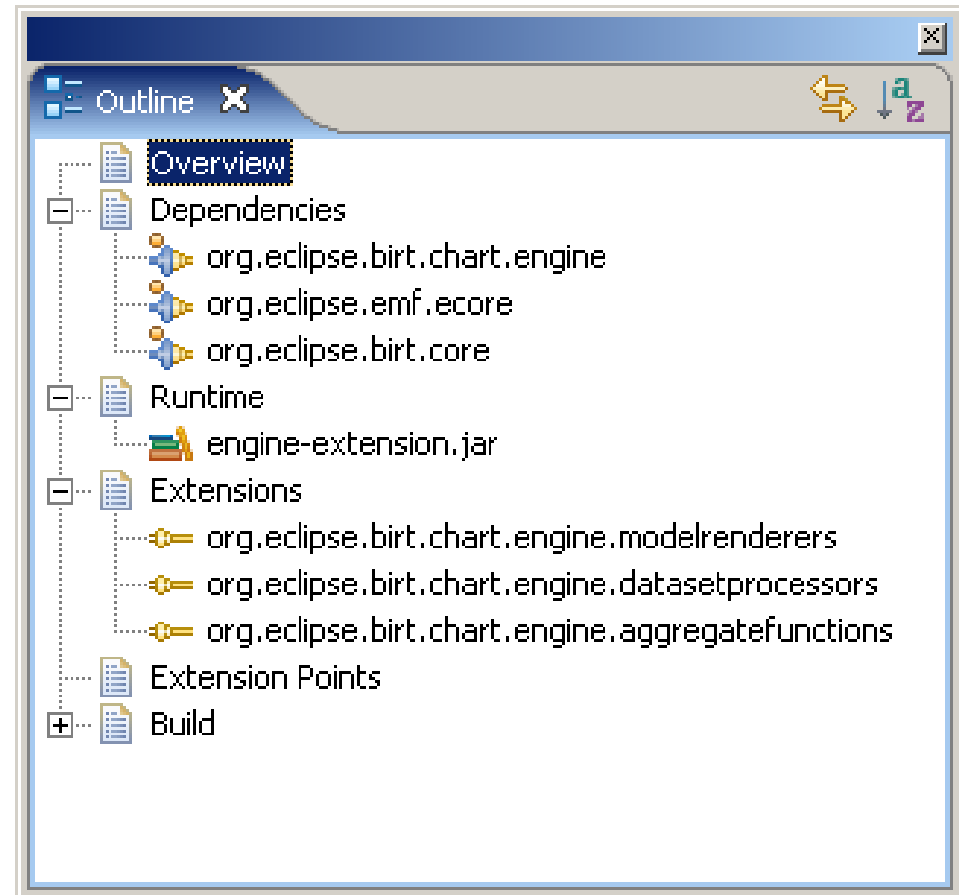
- **modelrenderers**
- **datasetprocessors**
- **displayservers**
- **devicerenderers**
- **aggregatefunctions**



org.eclipse.birt.chart.engine.extension



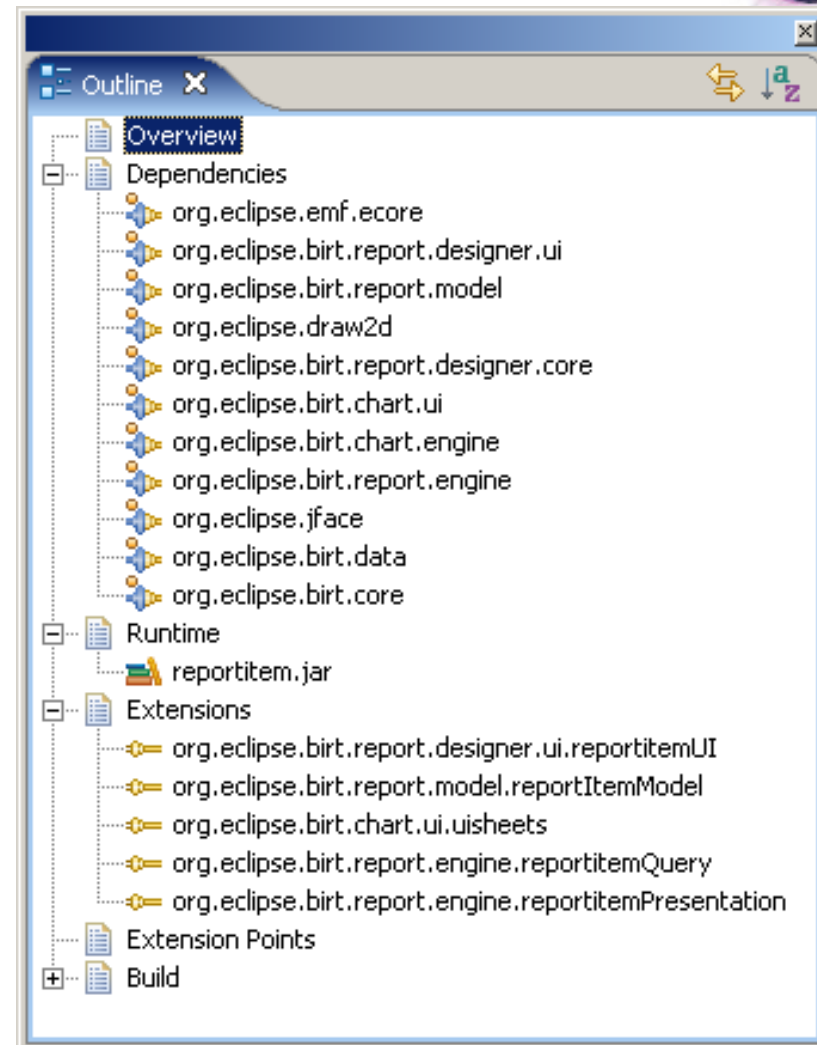
Contains extension classes for the device renderer framework for the charting component.



org.eclipse.birt.chart.reportitem



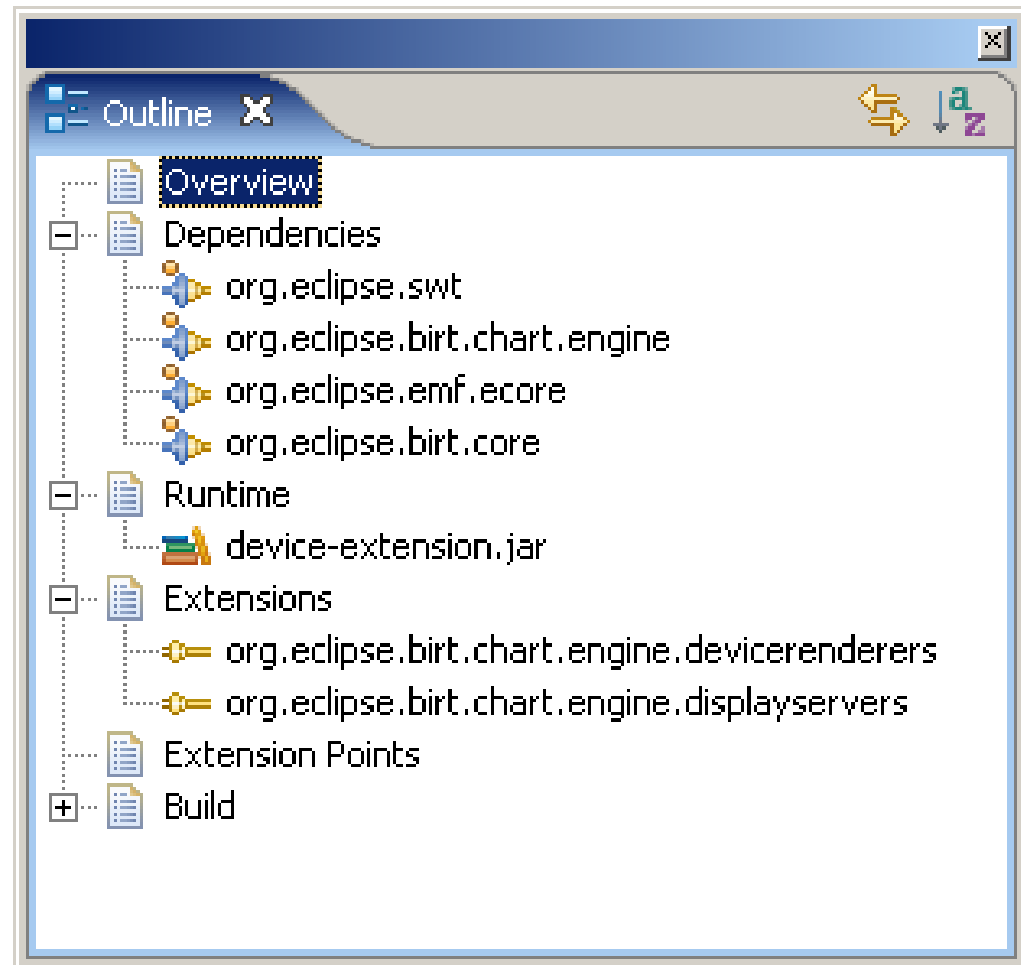
Contains classes that allow the chart model to interact with the BIRT Report Designer and with the runtime.



org.eclipse.birt.chart.device.extension



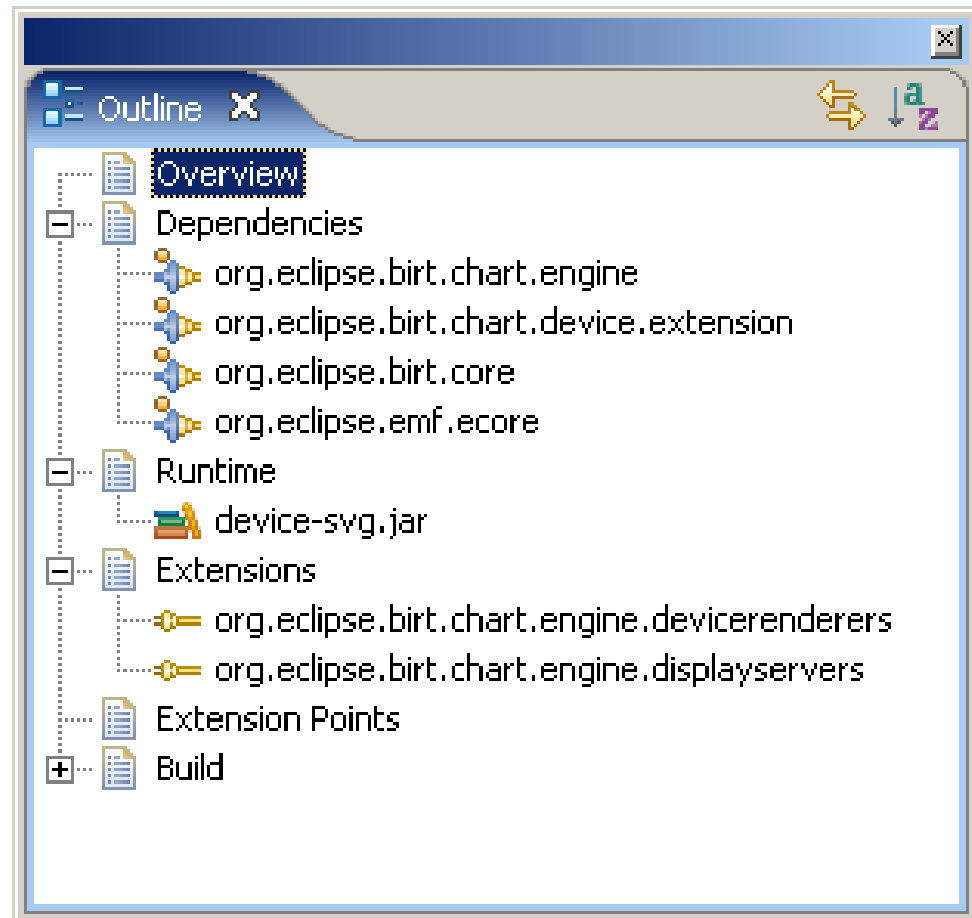
Contains extension classes
for the device renderer
framework for charts.



org.eclipse.birt.chart.device.svg



Provides a reference implementation of an SVG device renderer for the chart engine. This implementation defines basic SVG drawing primitives based on the SVG 1.1 specification.

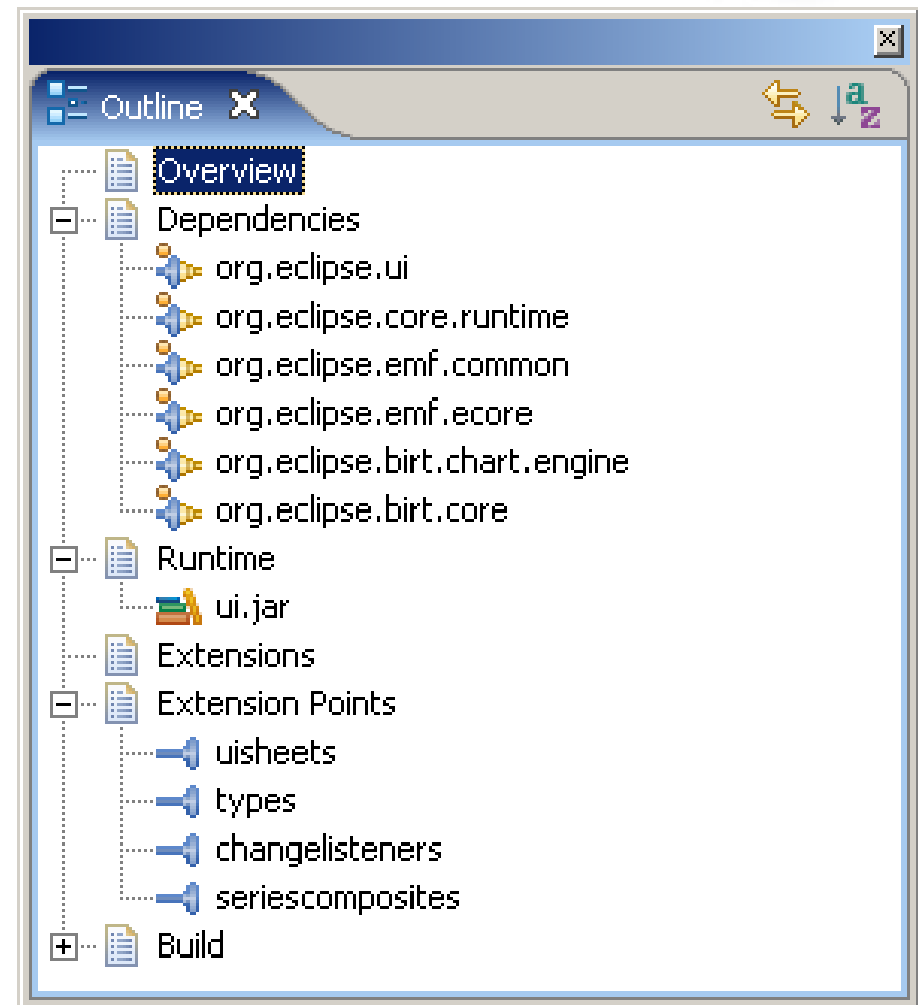


org.eclipse.birt.chart.ui



Contains user interface
chart builder classes.

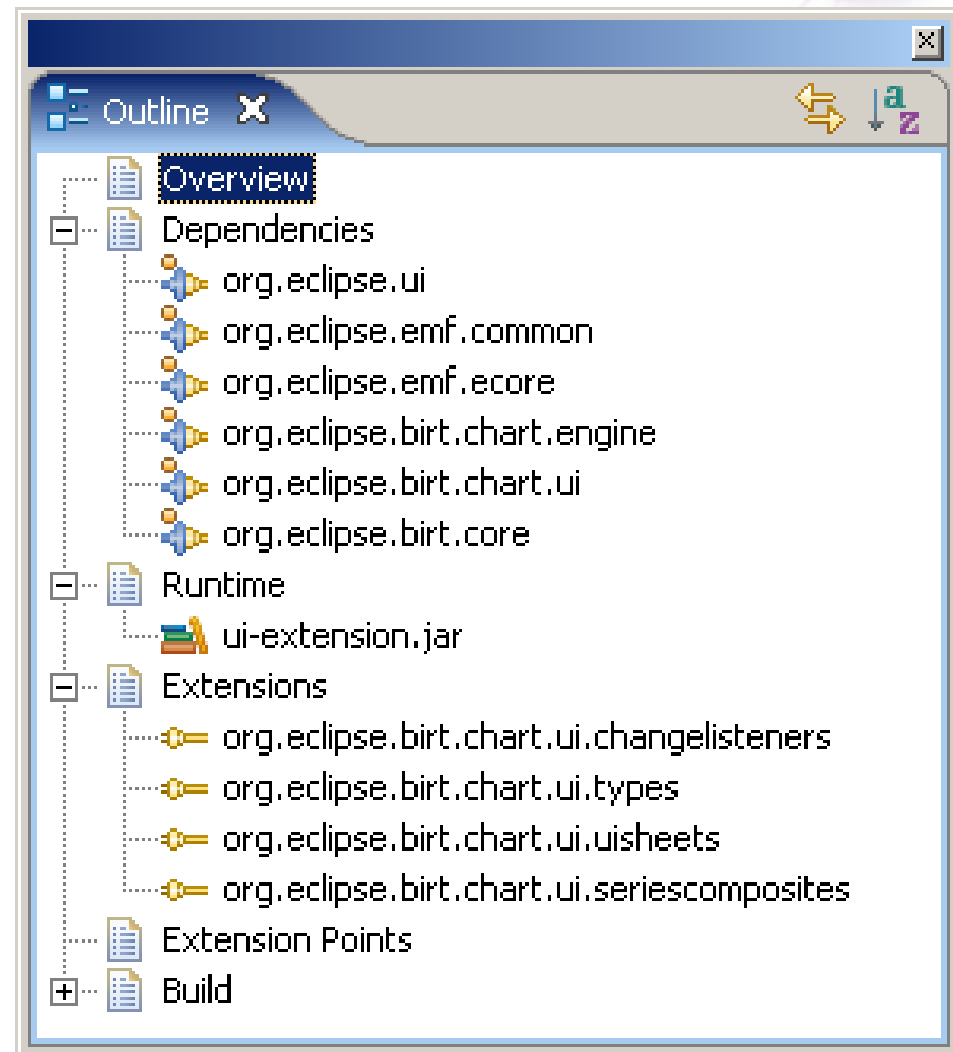
- **uisheets**
- **types**
- **changelisteners**
- **seriescomposites**



org.eclipse.birt.chart.ui.extension



Contains classes that
comprise extensions for the
chart builder user interface.



org.eclipse.birt.chart.examples



Contains examples for the charting component.

