

Incode Platform

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The Incode Platform provides a number of *modules* for use with the [Apache Isis](#) framework. The platform also provides a "*quickstart*" app which can be used to quickly set up your own pre-configured applications.

# Quickstart

The [quickstart app](#) is a Maven archetype intended to be used as a starting point for new applications.

```
mvn archetype:generate \
  -D archetypeGroupId=org.incode.platform.archetype \
  -D archetypeArtifactId=quickstart-archetype \
  -D archetypeVersion=1.15.0 \
  -D groupId=com.mycompany \
  -D artifactId=myapp \
  -D version=1.0-SNAPSHOT \
  -B
```

Like the Apache Isis framework's own [simpleapp archetype](#), the application provides a [SimpleObject](#) to adapt and copy, along with supporting unit tests, integration tests and BDD (cucumber) specs.

The application generated from the archetype is also preconfigured with the dependencies for all of the modules available in the Incode Platform, with [auditing](#), [command](#) profiling, message [publishing](#), [security](#), [flywaydb](#), [quartz](#) scheduler and (feature) [togglz](#) enabled by default. The application also configures the *Jolokia* servlet to allow consoles such as *hawt.io* to monitor the internal state of the webapp.

The generated application also includes example code to:

- [bootstrap](#) a *Spring Framework* context alongside the Apache Isis framework.

This is configured to host an embedded *Apache Camel* instance to consume published messages.

- [demonstrate usage](#) of the various modules within the Incode Platform.

These can be easily included or excluded just by commenting in/out small sections of code.

# Modules

Select the modules you need and use them "out of the box", or fork the repo and use the source code as a starting point to meet your own requirements. Most modules are independent of others, with the README for each explaining how to configure your application to use it.

The modules fall into six broad categories, summarised in the table below:

<i>Libraries</i>		<i>Generic Subdomains</i>	<i>SPI Implementations</i>	<i>Wicket Components</i>	<i>Metamodel Facets</i>	<i>Extensions</i>
Base Freemarker DocRendering Stringinterpolator DoRendering Xdocreport DocRendering Docx (MS Word) Excel Fake Data Fixture Support FreeMarker	Integ Testing Support PDFBox Polymorphic Associations Servlet API StringInterpolator (OGNL) Unit Testing Support XDocReport	Alias Classification Comm Channel Communications Country Doc Fragment Document Note Settings Tags	Audit Command Publishmq Security Sessionlogger	Excel Fullcalendar 2 Gmap3 Pdfjs Summernote Wickedcharts	Paraname8	FlywayDB Quartz Togglz