

# Contributors Guide

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This guide provides guidance to those looking to build the platform from source, either to contribute back pull requests and enhancements, or just to fork for their own purposes.

# Directory Structure

```
_mothballed/          # unused from previous demo apps (eg fake SOAP external system)
adocs/
|—— documentation/    # docs and website source
|—— search/           # node.js scripts to generate searchable index
|—— template/         # HTML template/styling for website
ex/
|—— app/
|   |—— quickstart/   # quickstart application
|   |—— arch/
|       |—— quickstart/ # quickstart archetype
mavenmixins/
modules/              # modules making up the platform
|—— pom.xml           # org.incode:incode-parent
|—— dom/              # generic subdomains
|—— ext/              # extensions
|—— lib/              # libraries
|—— mml/              # metamodel facets
|—— spi/              # Core framework SPI (hook) implementations
|—— wkt/              # Wicket viewer components
```

# Building

The platform must be built in the following order:

- `mavenmixins/` - maven mixins, which is depended on by:
- `modules/` - modules, which is depended on by:
- `ex/app/quickstart/` - quickstart example app, which is used as the template for:
- `ex/app/archetype/` - quickstart archetype

## Building the mavenmixins

These must be built first, because the modules depend upon them.

```
mvn clean install -Dskip.isis-validate -Dskip.isis-swagger -o
```

## Building Modules

To build all modules, use:

```
mvn clean install -o
```

Running in parallel requires disabling the Apache Isis Maven plugin (it is currently not thread-safe):

```
mvn clean install -o -T1C -Dskip.isis-validate -Dskip.isis-swagger
```

To build an individual module, use:

```
mvn clean install -D dom-alias -Dskip.default -o -Dskip.isis-validate -Dskip.isis-swagger
```