

Libraries

# Table of Contents

Base Library .....	1
Freemarker Document Rendering Library .....	2
StringInterpolator Document Rendering Library .....	3
XDocReport Document Rendering Library .....	4
Docx (MS Word) Library .....	5
Excel Library .....	6
Fake Data Library .....	7
FixtureSupport Library .....	8
FreeMarker Library.....	9
Integration Testing Support Library .....	10
PDFBox Library .....	11
Polymorphic Associations Library.....	12
Servlet API Library .....	13
String Interpolator (OGNL) Library.....	14
Unit Testing Support Library .....	15
XDocReport Library.....	16

# Base Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.6** - fixes [#5](#) - Add **MessageUtils** to normalize messages of exceptions thrown from wrapper factory
- **1.13.5** - fixes [#4](#)- removes further contract tests (moved to [incode-module-unittestsupport](#))
- **1.13.4** - fixes [#3](#) - removes contract tests (moved to [incode-module-unittestsupport](#))
- **1.13.3** - fixes [#2](#) - removes dependency on [isisaddons'](#) security module
- **1.13.2** - fixes [#1](#) - removes **EstatioUserRole** class.
- **1.13.1** - additional classes moved out from estatío/estatio's udo-base module.
- **1.13.0** - released against Isis 1.13.0.

# Freemarker Document Rendering Library

- 1.14.0 - released against Isis 1.14.0
- 1.13.0 - released against Isis 1.13.0

# StringInterpolator Document Rendering Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.1** - released against Isis 1.13.0, fixes [#1](#)
- **1.13.0** - released against Isis 1.13.0

# XDocReport Document Rendering Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.1** - released against Isis 1.13.0, and fixes [#1](#) (use v1.13.1 of [isis-module-xdocreport](#))
- **1.13.0** - released against Isis 1.13.0

# Docx (MS Word) Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.0** - released against Isis 1.13.0
- **1.12.0** - released against Isis 1.12.0
- **1.11.0** - released against Isis 1.11.0
- **1.10.0** - released against Isis 1.10.0
- **1.9.0** - released against Isis 1.9.0
- **1.8.1** - released against Isis 1.8.0, support for generate PDF (fixed).
- **1.8.0** - released against Isis 1.8.0, support for generate PDF (nb: this was a bad release, incorrectly referenced -SNAPSHOT version of Isis core).
- **1.7.0** - released against Isis 1.7.0
- **1.6.0** - re-released as part of isisaddons, with classes under package `org.isisaddons.module.docx`

# Excel Library

- **1.14.2** - released against Isis 1.14.0, fixes [#21](#)
- **1.14.1** - released against Isis 1.14.0, fixes [#19](#)
- **1.14.0** - released against Isis 1.14.0
- **1.13.6** - maximum length for sheets is 31 chars, not 30 chars.
- **1.13.5.1** - patch for 1.13.5 (error with `#toExcelPivot(...)`).
- **1.13.5** - released against Isis 1.13.0; includes limited support for pivot tables; [#17](#) (remove overloads for `#fromExcel()` and `#toExcel()`).



This release is a minor breaking change to the API. To convert the code, use `cls.getSimpleName()` as the (now mandatory) value of the sheet name, ensuring that its length does not exceed 30 characters.

- **1.13.1** - released against Isis 1.13.0; includes [#15](#) (multiple sheets)
- **1.13.0** - released against Isis 1.13.0
- **1.12.0** - released against Isis 1.12.0
- **1.11.0** - released against Isis 1.11.0
- **1.10.0** - released against Isis 1.10.0; includes `ExcelFixture`
- **1.9.0** - released against Isis 1.9.0
- **1.8.0** - released against Isis 1.8.0
- **1.7.0** - released against Isis 1.7.0
- **1.6.0** - re-released as part of isisaddons, with classes under package `org.isisaddons.module.excel`



# Fake Data Library

- 1.14.0 - released against Isis 1.14.0
- 1.13.0 - released against Isis 1.13.0
- 1.12.0 - released against Isis 1.12.0
- 1.11.0 - released against Isis 1.11.0
- 1.10.0 - released against Isis 1.10.0
- 1.9.0 - released against Isis 1.9.0

# FixtureSupport Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.1** - fixes [#1](#) - generalizes the `DemoData` API to use `ServiceRegistry2` rather than `RepositoryService`. Note that **this release is not backwards-compatible** with previous release.
- **1.13.0** - released against Isis 1.13.0 (moving some test support functionality out of Estatio for reuse elsewhere)

# FreeMarker Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.2** - released against Isis 1.13.2. Fixes [#1](#) - automatic support for JODA dates and time (can be disabled using configuration property)
- **1.13.1** - released against Isis 1.13.0. NB: this is a breaking change, with a simpler API.
- **1.13.0** - released against Isis 1.13.0

# Integration Testing Support Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.1** - released against Isis 1.13.2, deprecating test utilities, which instead inherit from new [Incode fixturesupport](#) module.
- **1.13.0** - released against Isis 1.13.0 (moving some test support functionality out of Estatio for reuse elsewhere)

# PDFBox Library

- 1.14.0 - released against Isis 1.14.0
- 1.13.0 - released against Isis 1.13.0

# Polymorphic Associations Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.0** - released against Isis 1.13.0; fixes [#1 - extend Factory to be able to check before-hand whether a link type is supported](#)
- **1.12.0** - released against Isis 1.12.0
- **1.11.0** - released against Isis 1.11.0
- **1.10.0** - released against Isis 1.10.0
- **1.9.0** - released against Isis 1.9.0

# Servlet API Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.0** - released against Isis 1.13.0
- **1.12.0** - released against Isis 1.12.0
- **1.11.0** - released against Isis 1.11.0
- **1.10.0** - released against Isis 1.10.0
- **1.9.0** - released against Isis 1.9.0
- **1.8.0** - released against Isis 1.8.0

# String Interpolator (OGNL) Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.0** - released against Isis 1.13.0
- **1.12.0** - released against Isis 1.12.0
- **1.11.0** - released against Isis 1.11.0
- **1.10.0** - released against Isis 1.10.0
- **1.9.0** - released against Isis 1.9.0
- **1.8.0** - released against Isis 1.8.0
- **1.7.0** - released against Isis 1.7.0
- **1.6.0** - re-released as part of isisaddons, with classes under package `org.isisaddons.module.stringinterpolator`



# Unit Testing Support Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.4** - fixes [#4](#) - new `ReflectUtils` class.
- **1.13.3** - fixes [#3](#) - moving assertions and matchers out from Estatio's `EstatioIntegrationTestAbstract` base class
- **1.13.2** - fixes [#2](#) - moving further contract tests from incode-module-base into this repo
- **1.13.1** - fixes [#1](#) - moving contract tests from incode-module-base into this repo
- **1.13.0** - released against Isis 1.13.0 (copied from incode-module-base)

# XDocReport Library

- **1.14.0** - released against Isis 1.14.0
- **1.13.1** - released against Isis 1.13.0, fixes [#1](#)
- **1.13.0** - released against Isis 1.13.0