

Apache Taverna Server 3.1.0-incubating released

Release date: 2018-01-17

The [Apache Taverna \(incubating\)](#) team is pleased to announce the release of:

- **apache-taverna-server 3.1.0-incubating**

This announcement is also available at: <https://s.apache.org/taverna-server-3.1.0>

Taverna Server

Apache Taverna Server enables you to set up a dedicated server for remotely executing [Taverna workflows](#), exposed as REST Web APIs and WSDL Web Services. This enables integration of Taverna workflows into web portals, mobile applications, as well as allowing desktop users to execute remotely on local server or cloud infrastructure. Taverna Server can be configured for POSIX user isolation (e.g. sudo) and can restrict which workflows to execute.

Taverna Server runs workflows defined with [Apache Taverna Language](#) in [SCUFL2 format](#) (.wfbundle). It can also execute many [Taverna 2](#) workflows (.t2flow), depending on which activities they require.

Download apache-taverna-server 3.1.0-incubating: <https://taverna.incubator.apache.org/download/server/>

Taverna Java libraries

Apache Taverna Server relies on these earlier releases:

- [Apache Taverna Command-line Tool](#), which can run [Taverna workflows](#) from a command prompt or shell script.
- [Apache Taverna Language](#), a Java API to create, inspect, modify and convert [SCUFL2](#) workflow definitions and [Research Object Bundles](#).

For a complete list of Apache Taverna libraries, see <https://taverna.incubator.apache.org/download/> and <https://taverna.incubator.apache.org/code>

Changes

Major changes since Taverna Server 2.5.4 are described below:

Taverna 3 execution

Workflows are now executed with [Apache Taverna Command-line Tool](#) 3.1.0-incubating, which adds support for executing [SCUFL2](#) workflows using the [Apache Taverna Engine](#).

Source Code Name Changes

Package names have changed to `org.apache.taverna.server.*` and [source code modules have been reorganized](#). See the [Javadoc](#) for details.

Taverna Server Client

This release adds the [taverna-server-client](#) library, which can be used by Java clients to connect to the Taverna Service REST API.

Removed / Retired Features

Activity types

These activities are no longer supported directly by Apache Taverna:

- RShell
- Soaplab
- Biomart

For interested developers, the source code for the above are available separately as part of the [Taverna Plugin Bioinformatics](#) and [Taverna Extras](#).

Bug Fixes

For details of bug fixes since Taverna Server 3.0, see:

- [Changelog for Apache Taverna Server 3.1.0](#)

Installation Information

Prerequisites

- [Java 1.8](#) (tested with OpenJDK 1.8)
- [Apache Maven 3.3.9](#) or newer
- a Java Servlet container, e.g. [Apache Tomcat](#)

Installation

See the included [taverna-server README](#) for details on how to build the source code.

For full documentation of [installing](#), [configuring](#) and [using](#) Taverna Server, see <https://taverna.incubator.apache.org/documentation/server/>

Stay Informed

Please subscribe to and contact the [dev@taverna mailing list](mailto:dev@taverna) for any questions, suggestions, and discussions about Apache Taverna.

Bugs and feature plans are tracked in the [JIRA Issue tracker](#) under the corresponding components. Anyone may add, comment or work on an issue!

Checksums (sha1/sha256/sha512)

```
6d779941bec29d327e22d2a76ec1069d82c4c28d  apache-taverna-parent-3-incubating-source-release.zip
4aebfdeecb78645365cab868878dc85c34f04ecc  apache-taverna-server-3.1.0-incubating-source-release.zip
```

```
6dcca32163870e33d99454388d43c818bc003e29a911f8fe6d48e63373d2aca5  apache-taverna-parent-3-incubating-source-
release.zip
0025c85cc115fc5b8c6c969f2a1ae995ca3269a193f63d2508bc8740c095af1c  apache-taverna-server-3.1.0-incubating-source-
release.zip
```

```
767aaf8cbe43eb62549e8c73619ce2170197cd625d23eeadb8d3df284d74c15a503c86c92741aac6c931208338c00b8409392c36fc965cc237
b963143b7a7817  apache-taverna-parent-3-incubating-source-release.zip
b08e568e4470b2db2b3e5754ae0eaba72990ab2f1f951dcd96f65a04fb768665391d8c50af2270045f659e1ab81dc881a217d4f0d64e3c2ef6
91e802cad11835  apache-taverna-server-3.1.0-incubating-source-release.zip
```

Disclaimer

Apache Taverna is an effort undergoing incubation at [The Apache Software Foundation \(ASF\)](#) sponsored by the [Apache Incubator PMC](#). Incubation is required of all newly accepted projects until a further review indicates that the infrastructure, communications, and decision making process have stabilized in a manner consistent with other successful ASF projects. While [incubation status](#) is not necessarily a reflection of the completeness or stability of the code, it does indicate that the project has yet to be fully endorsed by the ASF.