Fabasoft®

Software Product Information

Fabasoft app.test 2026 October Release

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Contents

1 Introduction 3
2 Fabasoft app.test 3
3 Scope of Services 3
4 Supported Platforms and Minimum System Requirements 4
4.1 Microsoft Windows Environment 4
4.2 Additional Conditions 5
4.3 Supported Editions of Third-Party Products 5
4.4 Minimum Requirements 5
5 Open Source Licenses 5

1 Introduction

Fabasoft app.test is the tool for functional software test automation in the Fabasoft product realm. When automating tests, Fabasoft app.test ensures that the software is tested in the same way as real users use the application, i.e. through actual interaction with the user interface in the web browser.

You can record tests either via a tree representation of the user interface or via a click recorder. The recorded tests can then be executed locally at the workstation.

Make absolutely sure that Fabasoft app.test is never used in a production environment with real data, but rather isolated in a virtual test environment.

2 Fabasoft app.test

Fabasoft app.test consists of the following product parts:

- **Fabasoft app.test DSL**
  Fabasoft app.test provides its own domain-specific language (DSL) for recording tests.
- **Fabasoft app.test Eclipse Plug-In**
  The Eclipse plug-in provides an integrated development environment for maintenance, creation and execution of tests.
- **Fabasoft app.test Agent**
  The agent communicates with the web browser.
- **Fabasoft app.test Web Browser Extensions**
  An extension is provided for each supported web browser. The eclipse plug-in can only communicate with the web browser if the extension is present.
- **Fabasoft app.test Starter**
  Allows tests to be started on several backends and clients in parallel.
- **Fabasoft app.test Console Player**
  Allows a test to be started directly from the command line.

3 Scope of Services

The integrated development environment (IDE) is based on an Eclipse plug-in. The following functionality is provided.

Use Case	Description
Managing tests	The tests are managed in an app.test project.
Recording tests using the WAI ARIA tree	The WAI-ARIA representation of the user interface can be used to execute and record actions on the corresponding GUI elements.

Recording tests using the click recorder	The click recorder records the interaction with the user interface. **Note:** The click recorder can be used with Google Chrome or Microsoft Edge. The click recorder does not support every possible interaction with the user interface. In these cases, use the WAI ARIA representation.
Editing tests	The test source code can also be edited directly to perform test improvements.
Using the possibilities of Fabasoft app.test DSL	In addition to saving interactions with the user interface, the DSL offers the following options: • validations • control flow • variables • logical and arithmetic operators
Executing tests	Recorded tests can be run with different web browsers.

4 Supported Platforms and Minimum System Requirements

When using Fabasoft app.test 2026 for automatic testing of Fabasoft Folio or Fabasoft eGov-Suite following versions are supported:

- Fabasoft Folio from version 2025
- Versions of Fabasoft eGov-Suite that are based on the above-mentioned versions of Fabasoft Folio

4.1 Microsoft Windows Environment

Operating System	Architecture
Microsoft Windows 11 (25H2)	x64

Software Requirements
Eclipse Temurin OpenJDK 21.0.12 (JDK, HotSpot) (x64)
Eclipse 2025-09 (x64) (inkl. Eclipse Temurin OpenJDK 21.0.12)

Microsoft Edge 151.0 (x64)
Mozilla Firefox 153.0 (x64)
Google Chrome 151.0 (x64)

4.2 Additional Conditions

- The minimum hardware and software requirements for any future versions of this product may differ from the requirements of this version.
- A certain version of a third-party product integrated into any Fabasoft software product is supported by Fabasoft as long as the software product itself is supported by the third-party itself. For instance, a particular version of an integrated Microsoft software product is only supported by Fabasoft until the date on which the Microsoft "Extended Support Phase" for this product version ends.
- Third-party products that are required or supported by Fabasoft products, proper licensing and installation of them, necessary tests for product release as well as corresponding manufacturer support are not included in the scope of supply and services and therefore they are not subject to warranty of Fabasoft regarding functionality, mode of operation or features. Fabasoft is not responsible for errors or malfunction, which are caused by third-party software products and/or products that are not included in the scope of supply and services.
- Fabasoft software products are only supported and tested on the mentioned reference system environments. In addition to the third-party product editions listed in the reference system environments the editions listed in chapter "Supported Editions of Third-Party Products" are supported but not tested.

4.3 Supported Editions of Third-Party Products

Following editions of third-party products are supported. Explicitly tested are only those editions that are listed in the reference system environments.

- The third-party product Microsoft Windows 11 is supported in the following editions: Pro and Enterprise.

4.4 Minimum Requirements

Architecture	CPU	RAM	Disk Space
64 bit (x64)	1,6 GHz	1 GB	1 GB

5 Open Source Licenses

The open source software contained in Fabasoft app.test is licensed under conditions that require to display the following notes.

- Apache Ant (https://ant.apache.org/)

- Apache Commons (https://commons.apache.org/)
- com.sun.tools.attach (https://bitbucket.org/earcam/com.sun.tools.attach/src/master/)
- dom4J (https://github.com/dom4j/dom4j)
- Eclipse (https://www.eclipse.org/)
- Guava (https://github.com/google/guava)
- IzPack (https://github.com/izpack/izpack)
- Jakarta XML Binding (https://github.com/eclipse-ee4j/jaxb-api)
- JavaMail (https://javaee.github.io/javamail/)
- Java Native Access (https://github.com/java-native-access/jna)
- java-iso-tools (https://github.com/stephenc/java-iso-tools)
- Javax Activation (https://mvnrepository.com/artifact/javax.activation)
- Javax Servlet (https://mvnrepository.com/artifact/javax.servlet)
- Jaxen (https://github.com/jaxen-xpath/jaxen)
- Jetty (https://www.eclipse.org/jetty/)
- JSON in Java (https://mvnrepository.com/artifact/org.json/json)
- JUnit (https://junit.org/junit4/)
- launch4j (http://launch4j.sourceforge.net/)
- libVirt (https://libvirt.org/downloads.html)
- Log4J (https://logging.apache.org/log4j/)
- Loopy (https://github.com/kohsuke/loopy)
- Selenium (https://www.seleniumhq.org/)
- VIJava (https://github.com/Juniper/vijava)

The corresponding copyright annotations and terms of license can be found here: Open Source Licenses