

FUJITSU Software WebTransactions for openUTM (Linux systems)

Version 7.5C
May 2020

Release Notice

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1 General

- This Release Notice is a summary of the major extensions, dependencies and operating information with respect to WebTransactions for openUTM (Linux systems) 7.5C under the Linux operating systems that are not included in the Product Facts and in the manuals.

You can use WebTransactions for openUTM to link existing openUTM applications into the World Wide Web (WWW). You also have the option of retaining existing masks after conversion or optimizing the user interface and dialog sequence of your application for the WWW by programming HTML templates. You can also create a new HTML user interface for new applications to allow the user to control the application and data output with a WWW browser.

WebTransactions is also suitable for client/server applications, acting as the link between the server application and the client browser. With the functions for dialog reengineering, dialog sequences can be combined or separated and therefore restructured more ergonomically without having to modify the logic or the data structures of the underlying host application.

The user friendly development environment WebLab is at your disposal for all development steps.

- *C The release level is that of: May 2020.
- *C Changes to WebTransactions for openUTM (Linux systems) 7.5B from December 2014 are marked with *C.

The Release Notice is shipped on the product delivery medium.

This and other current Release Notices are shipped on the SoftBooks DVD and are available online at <http://bs2manuals.ts.fujitsu.com>

If one or more previous versions are skipped when this product version is used, the information from the Release Notices (and README files) of the previous versions must also be noted.

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1.1 Ordering

- *C WebTransactions for openUTM (Linux systems) 7.5C can be ordered from your local distributors and is subject to the general terms and conditions of the software product use and support agreement.

A license is required for WebTransactions for openUTM (Linux systems). Appropriate licenses must be ordered and installed in order to use the product.

1.2 Delivery

- *C The WebTransactions for openUTM (Linux systems) 7.5C is available in the Internet. Please refer to the delivery information for the for the download address.

WebTransactions is also available on CD on request. Please contact via email: openSEAS@ts.fujitsu.com

1.3 Documentation

The following documentation is available for WebTransactions for openUTM (Linux systems) V7.5:

- WebTransactions V7.5, Concepts and Functions
- WebTransactions V7.5, Template Language
- WebTransactions V7.5, Connection to openUTM Applications via UPIC

Additional manuals for WebTransactions V7.5:

- WebTransactions V7.5, Access to Dynamic Web Contents
- WebTransactions V7.5, Client-APIs for WebTransactions
- WebTransactions V7.5, Web-Frontend for Web Services

The documentation this and other Release Notices and readme files are available in the form of online manuals at <http://bs2manuals.ts.fujitsu.com>.

The manuals may be supplemented with readme files. These contain changes and extensions to the manual of the product concerned.

The manuals are shipped as PDF files on the product medium.

2 Software extensions

Only the extensions and improvements over the previous version WebTransactions for openUTM (Linux systems) V7.5B are described in the following section.

2.1 Error corrections

- *C - In the HTTP-adapter the protocol version is wrong
- *C - F5 during admin session lose control

3 Technical information

3.1 Resource requirements

Required disk space:	35 MB
Required virtual memory:	64 MB
- Additionally per concurrent user:	>5 MB

3.2 Software configuration

- *C WebTransactions for openUTM (Linux systems) V7.5C is released for use on servers with:
- *C - SUSE Linux Enterprise Server as of 11/12/15 (SLES11/12/15)
- *C - Red Hat Enterprise Linux as of release 6/7/8 (RHEL6/7/8)

Further software prerequisites:

- A WWW server with CGI and/or ISAPI interface.

For automatic mask conversion:

- IFG V8.3A (IFG works on any server with BS2000)
- A product for the transfer of binary coded data between Linux and BS2000 (e.g. ftp or openFT)

For individual user exits:

- C compiler

For Java integration (optional):

- *C - JAVA as of V1.6

A 32-bit Java runtime system is needed on 64-bit Linux installations.

Requirements concerning the application to be linked in:

- The application must run under openUTM as of V6.4

3.3 Product installation

Installation is described in chapter 2 of manual "Connection to openUTM Applications via UPIC"

3.3.1 General notes

WebLab:

- *C WebTransactions WebLab (Windows) V7.5C runs on all systems, including servers supported by Windows 8.1/10, Windows Server 2012/2012R2/2016/2019
- *C after download via web browser. The download is available at

Fehler! Linkreferenz ungültig.

Ordering the activation key:

A license key is required in order to set up the licenses. Start the WebTransactions Administration, select Licenses and follow the instructions.

3.3.2 Notes on Web-Server

The WWW server used for WebTransactions applications needs write access right to the installation folder of WebTransactions, the subdirectory webtav75 in the document root areas of the WWW server and to all base directories which should be created.

Using Apache servers "Options Indexes FollowSymLinks" must be set for document root area of the WWW server.

3.3.3 Notes on deinstallation

All administration settings are retained during deinstallation. This concerns the files within <install>/config/wtaccess (containing administration data for managing identification, access and applications) as well as all files for cluster <install>/config/cluster/*.

If necessary delete these files after the deinstallation.

Deinstallation of WebTransactions is not available for Linux. To remove all installed products of WebTransactions, please erase all data of the WebTransactions installations folder (Default: /opt/WebTrans/7.5).

3.4 Product use

WebTransactions for openUTM cannot be used for applications which work with FHS-DE (Dialog Extension). Please use WebTransactions for OSD instead.

WebTransactions for openUTM does not support so called "-" (minus) formats. Please use WebTransactions for OSD instead.

Line-mode messages will be supported.

3.4.1 General notes

Demos:

The demos supplied with the product can be started with the link
Fehler! Linkreferenz ungültig.

WebLab/external HTML editors:

If you want to use an external HTML editor, please make sure that the editor is compatible with the templates of WebTransactions. In general, when working with external HTML editors you must not use nested wt-tags.

Web browsers:

In order to use Mozilla Firefox as browser for sessions started by WebLab, enter the application name "firefox" in the WebLab menu Options/Preferences/Programs. Using Mozilla Firefox the maximum length for a valid URL may be exceeded. To avoid this, create base directories with shortest path names as possible.

Java:

If an output is sent to `java.lang.System.out` and the trace of WebTransactions is switched on, this output will be sent to `stderr` instead of `stdout`.

If following error occurs during initialization of the Java Virtual Machine "Error occurred during initialization of VM. Signal chaining not allowed for VM interrupt signal, try `-XX:+UseAltSigs`.", before the first java call (`x=new WT_JAVA.....`).the option `'-XX:+UseAltSigs'` must be set.

It must be set either new for example with `"WT_SYSTEM.JAVA_OPTIONS=new Array ('-XX:+UseAltSigs');"`, or existing options must be extended.

3.5 Discontinued functions (and those to be discontinued)

3.6 Incompatibilities

3.7 Restrictions

3.8 Procedure in the event of errors

If an error occurs, the following error documents are needed for diagnostics:

- Test case scenario (A detailed description of the error condition, indicating whether and how the error can be reproduced)
- Templates and field files
- Holder-Trace (activated e.g. via WebLab)
- Recording of the host-communication (Emulation trace)
- UPIC trace
- Files in the folder diagnosis in WebTransactions installation folder, if they exist.
- System dumps / cores (if available)
- System traces (if available)
- Wtgate traces (if available)

4 Hardware requirements

- *C WebTransactions for OSD (Linux systems) V7.5C runs on all Intel x86 based servers supported by SUSE Linux Enterprise Server (SLES11/12/15) and Red Hat Enterprise Linux (RHEL6/7/8).
- *C
- *C

5 Firmware levels

6 Patents and OpenSource use

WebTransactions

Protected by U.S. patent 6,725,254,
German patent DE 198 14 859

OpenSource module libc

License:
GNU Lesser General Public License (LGPL)
<http://www.gnu.org/licenses/licenses.html>

OpenSource module Zip/UnZip

License:
<http://www.infozip.sourceforge.net/license.html>

OpenSource module Expat (XML Parser)

License contained in package (COPYING):
"...Permission is hereby granted, free of charge,
to any person obtaining a copy of this software
and associated documentation files (the "Software"),
to deal in the Software without restriction, including
without limitation the rights to use, copy,
modify, merge, publish, distribute, sublicense,
and/or sell copies of the Software..."

OpenSource module BCG ControlBar Library

License documented in source:
"... You may use, compile or redistribute it as part
of your application for free..."

OpenSource module OpenLDAP

License:
<http://www.openldap.org/software/release/license.html>

OpenSource module OpenSSL

License:
<http://www.openssl.org/source/license.html>

OpenSource module SASL2

License:
<http://www.cyrusimap.org/imap/download/getcyrus.html?highlight=license#licensing>

Freeware module ScriptX, free basic version

License:
<http://scriptx.meadroid.com/license-pricing/free-deployment.aspx>