FUJITSU

FUJITSU Software WebTransactions for OSD (Linux systems)

Version 7.5C
May 2020

Release Notice

1 General

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

       WebTransactions for OSD is a product for Web-enabling BS2000 interactive ap-
       plications to the World Wide Web (WWW). The product contains a terminal emula-
       tor which operates like a 9750 or 9763 terminal. With the aid of a standard tem-
       plate, the application interface is converted one-to-one to HTML.
       For the optical design of the application interface there are two methods available.
       A layout which applies to the entire application can be achieved by modifying the
       standard templates. An individual layout for individual screens can be achieved
       using a special capture technique. "Snapshots" of the screens are stored and con-
       verted to corresponding templates, which can also be individually structured.
       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 de-
       velopment steps.

*C   The release level is that of: May 2020.

*C   Changes to WebTransactions for OSD (Linux systems) 7.5B from December 2014
*C   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 ver-
       sions must also be noted.

       The use of names, trademarks, etc. in this Release Notice does not entitle readers
       to assume that these names/designations may be used without restrictions by an-
       yone. Often the names/designations are protected by law or contract, even if this
       is not indicated here.

1.1 Ordering

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

       A license is required for WebTransactions for OSD (Linux systems). Apropriate li-
       censes must be ordered and installed in order to use the product.

1.2 Delivery

*C   The WebTransactions for OSD (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 OSD (Linux systems) V7.5:
- WebTransactions V7.5, Concepts and Functions
- WebTransactions V7.5, Template Language
- WebTransactions V7.5, Connection to OSD Applications
 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 OSD (Linux systems) V7.5B are described in the following section.

2.1   Kerberos Single Sign On to BS2000.

*C   With SECOS V5 (and higher) BS2000 Applications can request Kerberos Authen-
*C   tication instead of a password in the means of Single Sign On (SSO).

*C   WebTransactions for OSD V7.5C supports V1.0 of BS2000 Kerberos Authentica-
*C   tion Protocol and the SSO to the TIAM Application $DIALOG.

*C   More detailed information about the SSO function of WebTransaction for OSD you
*C   will find at
*C   http://ts.fujitsu.com/products/software/openseas/webtransactions.html

2.2   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:	30 MB
Required virtual memory:	64 MB
- Additionally per concurrent user:	>5 MB

3.2   Software configuration

*C   WebTransactions for OSD (Linux systems) 7.5C 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.
- Access to the host via TCP/IP

For automatic mask conversion:
- IFG as of 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.

3.3   Product installation

Installation is described in chapter 2 of manual "Connection to OSD Applications"

3.3.1   General notes

*C   WebLab:
*C   WebTransactions WebLab (Windows) V7.5C runs on all systems, including
*C   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 in-stalled products of WebTransactions, please erase all data of the WebTransac-tions installations folder (Default: /opt/WebTrans/7.5).

3.4   Product use

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

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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)

- 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 serv-
*C ers supported by SUSE Linux Enterprise Server (SLES11/12/15) and Red Hat En-
*C terprise Linux (RHEL6/7/8).

5 Firmware levels

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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, inclu-
   ding 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