

FUJITSU Software WebTransactions for MVS (Windows)

Version 7.5C
May 2020

Release Notice

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1 General

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

WebTransactions for MVS is a product for Web-enabling MVS interactive applications to the World Wide Web (WWW). The product contains a terminal emulator which operates like a 3270 terminal. With the aid of a standard template, 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 converted 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 development steps.

- *C The release level is that of: May 2020.
- *C Changes to WebTransactions for MVS (Windows) 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 <https://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 MVS (Windows) 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 MVS (Windows). Appropriate licenses must be ordered and installed in order to use the product.

1.2 Delivery

- *C The WebTransactions for MVS (Windows) 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 MVS (Windows) V7.5:

- WebTransactions V7.5, Concepts and Functions
- WebTransactions V7.5, Template Language
- WebTransactions V7.5, Connection to MVS 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 <https://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 MVS (Windows) V7.5B are described in the following section.

2.1 Host adapter

Host adapter MVS

- *C - INTRA-SYS AllInOne 3270 adapter emulator 10 is supported
(Manual reference: WebTransactions V7.5, Connection to MVS Applications)

2.2 Change Requests

2.3 Error corrections

- *C - Resolved problem: Admin session doesn't start (on Windows 2019)
- *C - Resolved problem: F5 during admin session lose control
- *C - Resolved problem: In the HTTP-Adapter the protocol version is wrong

3 Technical information

3.1 Resource requirements

Required disk space:	55 MB
Required virtual memory:	64 MB
- Additionally per concurrent user:	>5 MB

3.2 Software configuration

WebTransactions for MVS (Windows) V7.5C is released for use on servers with:

- *C - Windows Server 2016
- *C - Windows Server 2019

Further software prerequisites:

- A WWW server with CGI and/or ISAPI interface.
- Access to the host using telnet 3270

For individual user exits:

- A development environment for creating a Windows DLL

For Java integration (optional):

- *C - JAVA as of V1.6

3.3 Product installation

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

3.3.1 General notes

For successful installation the WebTransactions installer must be started under the Administrator account with the UAC (User Account Control) system off.

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

The file WebLab75.msi is stored in subdirectory webtav75 in the document root directory of the Web-Server.

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.

The installation folder of WebTransactions contains:

- executable files which need the right for execution (e.g.: <install>\lib\WTHolder.exe)
- configuration files which are read and written (e.g.: <install>\config\wtaccess)
- folders in which files and subfolders can be created, read, written and deleted (e.g.: <install>\admin\tmp)

Permissions for subfolders/files of the installation folder: (not specified subfolders only need read permissions)

folder	permissions
<install>\admin\tmp\	read, create, write, delete
<install>\lic\	read, create, write, delete
<install>\clie\	read, create, write, delete
<install>\config\	read, create, write
<install>\config\cluster\	read, create, write, delete
<install>\diagnosis\	read, create, write
<install>\lib\WTHolder.exe	read, execute
<pool>\<basedir>\tmp\	read, create, write, delete
<Document-Root>\<virtual path>\	read
<Document-Root>\webtav75\	read
<Document-Root>\webtav75\<demos>\	read, create, write, delete(*)

(*) Only if you have installed the demos (JavaDemo, PortalDemo, Shopping-Demo). Full access is needed for files and subfolders.

To prevent security risks the demos should be installed in test environment only.

More detailed information about configuration settings of the Microsoft Internet Information Servers you will find at

<http://ts.fujitsu.com/products/software/openseas/webtransactions.html>

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.

When full deinstallation is required, the WiX installer allows to remove all to WebTransactions connected files automatically. To do this, start the WebTransactions MSI installer and select the "Remove All" option for full deinstallation of WebTransactions.

During deinstallation of WebTransactions for MVS (Windows) the executing process of the program ntallin1.exe possibly will not be stopped. In this case the process must be terminated manually by Windows Task-Manager. After this select retry to continue Windows Installer and terminate the INTRA-SYS WebTA 75 service via Windows Installer.

3.4 Product use

The integrated print server supports 9 printers at most. If you need more printers (e.g. for static assignment of a single printer to a specific user) the INTRA-SYS product "Printer Gateway" can be used. More information about the integrated print server is available in the manual "Connection to MVS Applications".

If WebTransactions is to be used with Microsoft Internet Information Server and there are more than approx. 60 parallel users, the setting of the desktop heap for non-interactive Windows stations must be increased. To do this use regedit and change in HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Session Manager\SubSystems\Windows the value <zzzz> of SharedSection=<xxxx>,<yyyy>,<zzzz> (generally 512 or possibly missing) to the new value 4096. After this restart the server. Please note that Microsoft points out, that problems due to a wrong use of the registry editor possibly cannot be repaired.

Not terminated sessions can be terminated via the WebTransactions administration. Don't terminate sessions via the windows task manager, because in this case session related files would not be removed.

3.4.1 General notes

Demos:

The demos supplied with the product can be started with the link

Fehler! Linkreferenz ungültig.[/startDemos_e.htm](#)

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)
- The file <install>\allin1\ntallin1\ntallin1.rpt, if existing.
Please delete the file afterwards, because it is written in appending mode.
- 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)
- INTRA-SYS AllInOne 3270 adapter diag files (if available)

4 Hardware requirements

- *C WebTransactions for MVS (Windows) V7.5C runs on all servers supported by
- *C Windows Server 2016/2019

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)

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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>