

HP Unified Functional Testing

For the Windows[®] operating systems

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Product Availability Matrix

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UFT System Requirement Support

This section provides information about the supported hardware and software that you must have to successfully install and run Unified Functional Testing 12.01:

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Note: Items marked as Technology Preview indicate that they are provided with limited functionality and support. It is recommended to use such environments for internal purposes and evaluations only.

UFT Support on Windows Operating Systems

Operating System	Supported?
XP SP3 (32-bit)	No
XP SP2 (64-bit)	No
2003 SP2 (32-bit) ¹	No
2003 SP2 (64-bit) ¹	No
2003 R2 (32 & 64 bit) ¹	No
Vista SP2 (32-bit)	No
Vista SP2 (64-bit)	No
Server 2008 SP2 (32 & 64 bit) ¹	No
Server 2008 R2 SP1 (64-bit) ¹	Yes
Windows 7 SP1(32-bit)	Yes
Windows 7 SP1 (64-bit)	Yes
Windows 8 ²	Yes
Windows 8.1 ²	Yes
Server 2012 ^{1 2}	Yes
Server 2012 R2 ^{1 2}	Yes (Tech Preview)

¹ Seat licenses are not available for operating systems with session capabilities, such as Windows servers or Citrix.

² UFT is supported for Windows 8.x and Windows Server 2012. However, for external plugins that work with UFT, these plugins must be supported on Window 8.x or Windows Server 2012 to enable UFT to use them.

Supported Languages

Unified Functional Testing 12.01 runs on systems with in the following languages:

- Brazilian Portuguese
- Chinese
- Dutch
- French
- German
- Italian
- Japanese
- Korean
- Russian
- Spanish

Character Set Support

UTF supports the following character sets:

- European (ISO-Latin-1)
- Simplified Chinese (GB)
- Traditional Chinese (Big5)
- Japanese
- Korean
- Unicode versions (UTF8 and UTF16)
 - 2.00
 - 2.10
 - 3.00
 - 4.00

UFT Compatibility with Other Products

This section provides details about software and configurations that are not required, but which are compatible with Unified Functional Testing 12.01.

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Note: Items marked as Technology Preview indicate that they are provided with limited functionality and support. It is recommended to use such environments for internal purposes and evaluations only.

Virtualization Products

Product	Version	Supported?
VMware	Workstation 5.5	No
	Workstation 6	No
	ESX 3.5	Yes ³
	ESX 4.0	Yes
	ESXi 4.1	Yes
	ESX 5.0	Yes
	ESXi 5.0	Yes
Virtual PC	VMM 2008	Yes ³
	2004.00	Yes ³
	2007.00	Yes ³
Citrix Meta frame presentation server	4.50	No
	5.00	No
	6.00	Yes ³
	6.50	Yes ³
	XenDesktop 7	Yes (Technology Preview) ³
HyperV	6.00	Yes (Technology Preview) ³

³ Not supported for API testing

Other HP Software Products

The latest support updates for this section are available online at <http://support.openview.hp.com/selfsolve/document/KM00963216>

For details on HP Software Integration support for API Testing, see "[Other HP Software Products-API Testing Only](#)" on page 14.

Product	Version	Supported?
HP Quality Center	9.00	No
	9.20	No
	10.00	No
	11.00	Yes (from patch 17)
	11.52	Yes Note: After patch 2, you must install the MS Redistributable 2005 to use the UFT Add-in for ALM.
	12.00	Yes
	12.01	Yes
	12.20	No
HP Application Lifecycle Management	11.00	Yes (from patch 17)
	11.50	No
	11.52	Yes Note: After patch 2, you must install the MS Redistributable 2005 to use the UFT Add-in for ALM.
	12.00	Yes
	12.01	Yes
	12.20	No

HP Business Process Testing	9.00	No
	9.20	No
	10.00	No
	11.00	Yes (from patch 17)
	11.52	Yes
		Note: After patch 2, you must install the MS Redistributable 2005 to use the UFT Add-in for ALM.
	12.00	Yes
	12.01	Yes
HP Sprinter	11.50 Patch 18	No
	11.52	No
	12.00	No
	12.01	Yes
	12.20	No
HP LoadRunner	11.00	No
	11.50	No
	11.51	No
	11.52	No
	12.00	No
	12.01	Yes
	12.02	No
HP Service Test	9.5.x	No
	10.00	No
	11.x	No

HP Service Virtualization	2.20	No
	2.32	No
	3.00, 3.01	No
	3.10	No
	3.50	Yes
	3.60	Yes
	3.61	Yes
HP Functional Testing Concurrent License Server	10.00	No
	11.00	Yes
HP Business Process Monitor	9.20	No
	9.22	No
HP Mobile Center	1.00	Yes (with UFTMOB_00001)
	1.01	Yes (with UFTMOB_00002)

Other HP Software Products- API Testing Only

Product	Version	Supported?
HP Performance Center	9.5x	No
	11.00	No
	11.50	No
	11.51	No
	11.52	Yes
	12.00	Yes
	12.01	Yes
	12.20	No
HP Service Test Management	10.00	No
	10.10	No
	10.50	No
	11.x	Yes
HP Service Virtualization	2.20	No
	2.32	No
	3.00, 3.01	No
	3.10	No
	3.50	Yes
	3.60	Yes
	3.61	Yes

UFT GUI Testing Technology Support

The following sections provide support information for general GUI testing technologies and add-in specific technologies:

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Note: Items marked as Technology Preview indicate that they are provided with limited functionality and support. It is recommended to use such environments for internal purposes and evaluations only.

General Technologies Support

Layer	Product / Standard	Version	Supported?
ActiveX Controls	Apex True DataBound Grid	5.00	Yes
		6.00	Yes
	Apex True OLE DB Grid	6.00	Yes
	Component One VSFlexGrid Pro	7.x	No
	DevExpress Quantum Grid	4.x	No
	FarPoint Spreadsheet	2.50	Yes
		3.00	Yes
		3.50	Yes
		6.00	Yes
		8.00	Yes
	FarPoint Spreadsheet (OLEDB)	3.00	Yes
		3.50	Yes
		6.00	Yes
		7.00	Yes
		7.0 (UNICODE)	Yes
		8.00	Yes
	Microsoft DataBound Grid	5.00	Yes
	Microsoft Flex Grid	6.00	Yes
	Microsoft Grid	1.00	Yes
	Sheridan Data Grid	2.00	Yes
Sheridan Data Grid	3.10	Yes	
Tidestone FormulaOne Grid	6.x	Yes	
FarPoint InputPro	3.00	No	
FarPoint ListPro	3.00	No	

Windows Controls	Microsoft Date & Time Picker Control	6 (SP4)	Yes
	Microsoft MonthView Control	6.0 (SP4)	Yes
	Ribbon Controls		Yes
Other Presentation Technologies	Microsoft Viewlink/HTC		Yes
	Visual Basic	5.00	Yes
		6.00	Yes
Microsoft Viewlink/HTC	DevExpress ASPxGrid	1.2.0.1	Yes
Multimedia	Microsoft Windows MediaPlayer controls	6.00	No
		7.00	No
		8.00	No
		9.00	No
	RealPlayer Controls	6.x	No
	Adobe (Macromedia) Flash Player	All Versions	No

Microsoft	Excel (Not For Automation)	2000.00	No
		XP (2002)	No
		2003.00	Yes
		2007.00	Yes
		2010.00	Yes
		2013.00	Yes
	Word (Not For Automation)	2000.00	No
		XP(2002)	No
		2003.00	Yes
		2007.00	Yes
		2010.00	Yes
		2013.00	Yes
	Query	2000.00	No
XP(2002)		Yes	
2003.00		Yes	
2007.00		Yes	
Windows Runtime	XAML		Yes (Tech Preview)
	HTML/JavaScript		Yes (Tech Preview)

Web Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Browsers	Internet Explorer	7.00	No
		8.00	Yes
		9.00	Yes
		10.00	Yes
		11.00	Yes
		11.00 EPM	Yes (Other than ActiveX, Silverlight, Flex)
	Firefox	3.60	No
		5.00	No
		6.00 - 15.00	No
		16.000	No
		17.000	No
		18.000	No
		19.00-21.00	No
		22.00-24.00	No
		10, 17, 24 ESR	Yes
		25.0 - 26.0	No
		27.0	Yes
		28.0	Yes
		29.0	Yes
		30.0	Yes
31, 31 ESR	Yes (Requires 12.01 Patch 1)		
32.0	Yes (Requires 12.01 Patch 1)		
33.0	Yes (Requires 12.01 Patch 1)		

Browsers (continued)	Chrome	12-16	No
		17.00	No
		18-26	Yes
		27-29	Yes
		30.0	Yes
		31.0	Yes
		32.0	Yes
		33.0	Yes
		34.0	Yes
		35.0	Yes
		36.0	Yes
		37.0	Yes (Requires 12.01 Patch 1)
		38.0	Yes (Requires 12.01 Patch 1)
	Safari on Mac	6.00	Yes
6.10		Yes	
7.00		Yes	
Browser Technologies	HTML	2.00	Yes
		3.20	Yes
		4.00	Yes
		5.00	Yes : WebRange, WebNumber, WebVideo, WebAudio
	XML	1.00	Yes

Toolkits	Dojo	1.2.3	Yes
		1.50	Yes
		1.7	Yes
		1.8	Yes
		1.9	No
		1.10	No
	GWT	1.5.3	Yes
		2.4	Yes
		2.50	Yes
	ASP.net Ajax	3.0.30512	Yes
		3.5.30729.1	Yes
	YUI	2.7.0	Yes
	JQueryUI	1.8.16	Yes
	AngularJS		No
Extensibility Application	Extensibility Accelerator	2.00	Yes
Extensibility Accelerator for HP Functional Testing	Internet Explorer	IE7	No
		IE8	Yes
		IE9	Yes
		IE10	No
		IE11	No
	Firefox	FF 3.0 - FF 3.5.5	No
		FF 3.6 +	No

Delphi Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Delphi	Delphi IDE versions	2007.00	Yes
		2009.00	Yes
		2010.00	Yes
		XE	Yes
		XE2	Yes
	Delphi controls	Win32 VCL library	Yes
		CLX	No
InfoPower Controls	TwwDBEdit	InfoPower Studio 2007	Yes
	TwwDBSpinEdit	InfoPower Studio 2009	Yes
	TwwDBRichEdit	InfoPower Studio 2010	Yes
	TwwDBGrid		Yes

Java Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
	Oracle SDK	1.4.0_x	No
		1.4.1_x	No
		1.4.2_x	No
		1.5 (aka Java 5.0 Update)	Yes
		1.6	Yes
		1.7	Yes
		1.8	Yes
	Oracle Java Web Start	1.4.x	No
		1.5.x	Yes
		1.6.x	Yes
	IBM	1.4.0_x	No
		1.4.1_x	No
		1.4.2_x	Yes
		1.5 update x	Yes
		1.6	Yes
	Microsoft Internet Explorer JVM	3158.00	No
		3810.00	No
	Oracle Jinitiator (see oracle Add-In)	Any version	No
	BEA JRockit	Any version	No

	Oracle AWT(Abstract Window Toolkit)	1.40	No
		1.4.1	No
		1.4.2	No
		1.5	Yes
		1.6	Yes
		1.70	Yes
	JFC (Swing)	1.0.x	No
		1.1 (Swing from JDK >1.2)	Yes
	SWT Standard Widget Toolkit	3.1.2	Yes
		3.2	Yes
		3.3	Yes
		3.4	Yes
		3.5	Yes
		3.6	Yes
		3.7	Yes
		4.20	Yes
	KL Group, aka Sitraka, aka Quest	3.x	Yes (Field, BWT, & Table Objects)
		4.5 (LiveTable)	No
		5.0 (LiveTable)	No
		6.0 (LiveTable)	Yes
	Sitraka LiveTable	4.5	Yes
5.00		Yes	
6.00		Yes	

UFT Java Add-in Extensibility	Oracle SDK	1.5 (32 bit only)	Yes
		1.6	Yes
		1.7	Yes
	Eclipse	3.1.2	No
		3.2	No
		3.3	Yes
		3.4	Yes
		3.5	Yes
		3.6	Yes
		3.7	Yes
		4.20	Yes

.NET Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Microsoft .NET Framework	Microsoft .NET Framework	1.00	No
		1.10	No
		2.00	Yes
		3.00	Yes
		3.5 SP1	Yes
		4.0	Yes
		4.5	Yes
		4.5.1	Yes (Tech Preview)
Microsoft .NET Controls	Windows Forms	All	Yes
	Web Forms	All	Yes
Third Party .NET Controls	ComponentOne TrueDB for .Net	1.2x	Yes
		1.3x	Yes
		2.00	Yes
	ComponentOne FlexGrid for .Net	1.1x	Yes
		2.00	Yes
		2.50	Yes
	DevExpress XtraGrid	1.50	Yes
		2.00	Yes
	Farpoint	Any	Yes
	Infragistics UltraWinGrid	2.0x	Yes
		3.2.X	Yes

Third Party .NET Web Controls	Infragistics UltraWebGrid	1.00	Yes
		2.00	Yes
		3.10	Yes
	DevExpress ASPxGrid	1.2.0.1	Yes
UFT .NET Add-in Extensibility	Microsoft .NET Framework	1.1 (SP1+)	No
		2.0	Yes
		3.0	Yes
		3.5	Yes
		4.0	Yes
		4.5	Yes
		4.5.1	Yes
	Visual Studio	2003	Yes
		2005	Yes
		2008	Yes
		2010	Yes
		2012	No
		2013	No

Oracle Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Web Browser	Internet Explorer	6.00	No
		7.00	Yes
		8.00	Yes
		9.00	Yes
		10.00	Yes
		11.00	Yes
Java Runtime Engines	Oracle Jinitiator ⁴	1.1.7	No
		1.1.8.x	No
		1.3.1.x	Yes
	Oracle Plug-In ⁴	1.4	No
		1.5	Yes
		1.6	Yes
	Oracle AWT(Abstract Window Toolkit)	1.4.1.x	No
		1.5.x - 1.6.x	Yes (with Java Add-in)
	JFC (Swing)	1.4 - 1.6	Yes (with Java Add-in)
	Development Tool	Oracle Forms (Java)	4.5
5.00			No
6i			Yes
9i			Yes
10g (releases 1 and 2)			Yes
11g			Yes
11gR2			Yes

Oracle Applications	E-business Suite	11.5.7	Yes
		11.5.8	No
		11.5.9	Yes
		11.5.10	Yes
		12.00	Yes
		12.1	Yes
		12.1.1	Yes
		12.1.3	No

⁴ The Oracle Forms and Oracle E-Business suite toolkits are supported only when working with Oracle JInitiator or Oracle Forms using the Sun Plug-in.

People Soft Add-in Technologies Support

Product / Standard	Version	Supported?
PeopleTools	8.40 - 8.43	Yes
	8.46 - 8.50	Yes
	8.52	Yes
	8.53	Yes
Client Modules	8.00	Yes
	8.30	Yes
	8.40	Yes
	8.80	Yes
	8.90	Yes
	9.00	Yes

PowerBuilder Add-in Technologies Support

Product / Standard	Version	Supported?
PB Application	9.00	No
	10.00	No
	11.00	No
	11.50	Yes
	12.00	Yes
	12.50	Yes

Add-in for SAP Solutions Technologies Support⁵

Product / Standard	Version	Supported?
SAPGUI	6.20	Yes
	6.40	No
	7.10	No
	7.20	Yes
	7.30	Yes
Web Client (Internet Transaction Server)	6.20	No
ECATT	6.2.0	Yes
	6.4.0	Yes
Solution Manager	7.1	Yes
Portals	7.00	Yes
	7.30	Yes
Interactive Center WebClient (ICWC) 1.0	CRM 4.0	No
	CRM 5.0	No
Interactive Center WebClient (ICWC) 2.0	CRM 2007 ⁶	Yes
CRM 7.0	CRM 7.0	Yes
	CRM 7.02 (WebCUIF 7.31)	Yes
WebDynpro ABAP	NW 7.01	Yes
	NW 7.02	Yes
	NW 7.4	Yes
NetWeaver Business Client for HTML	3.5	Yes
SAPUI5 applications for Desktop	1.22	Technology Preview
NWBC Desktop	4.0	No

⁵ The SAP patch levels mentioned in the *HP Unified Functional Testing Product Availability Matrix* are the minimum supported levels. Except where otherwise indicated, later patch levels may be supported. If you want to test your SAP application using a later patch, contact HP Software Support to ensure that the Unified Functional Testing Add-in for SAP Solutions is compatible with your patch version.

⁶ CRM 2007 is supported only for controls that support test mode enhancements. Requires SAP notes: 1147166, 1066565, and 1002944. Later SAP notes related to test mode enhancements are not supported.

Siebel Add-in Technologies Support

Product / Standard	Version	Supported?
Standard Interactivity (SI)	7.0.3.x	No
	7.0.4.303	No
	7.0.4.305	Yes
	7.5.2.211	No
	7.5.2.214	Yes
	7.5.3	Yes
	7.7.1	Yes
	7.80	Yes
	8.00	Yes
High Interactivity (HI)	7.0.3.x	No
	7.0.4.303	No
	7.0.4.305	Yes
	7.5.2.211	No
	7.5.2.214	Yes
	7.5.3	Yes
	7.70	Yes
	7.80	Yes
	8.00	Yes
	8.1.1	Yes
	8.1.1.6	Yes
	8.1.1.8	Yes
	8.2.2	Yes
Siebel Open UI	8.1.1.11	No
	8.2	Yes (Supported web browsers: IE10, IE11)

⁷ Siebel 7.7.x and later is supported only when the Siebel Test Automation module is installed and enabled. For information on installing and configuring Siebel Test Automation, refer to the *Testing Siebel eBusiness Applications Guide*, provided with your Siebel installation.

Stingray Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
MFC	Stingray Objective Grid / Objective Toolkit version combinations	MFC 7.1	OG9.02-OT8.02 OG9.03-OT8.03
		MFC 8.0	OG10.0-OT9.0 OG11.0-OT10.0 OG12.0-OT11.0 OG12.0.1-OT11.0.1 OG12.0.4-OT11.0.4
		MFC 9.0	OG12.0-OT11.0 OG12.0.1-OT11.0.1 OG12.0.4-OT11.0.4 OG13.01-OT12.01
		MFC 10.0	OG12.0.4-OT11.0.4 OG13.01-OT12.01
		MFC 11.0	OG13.01-OT12.01
Stingray Controls	WinTreeView		Yes
	WinTab		Yes
	WinToolbar		Yes
	WinTable		Yes

Terminal Emulator Add-in Technologies Support

Product / Standard	Version	Supported?
Attachmate Extra	2000.00	No
	6.40	No
	6.50	No
	6.70	Yes
	7.00	Yes
	7.10	Yes
	8.00	Yes
	9.00	Yes
	9.10	Yes
	9.2	Yes
Attachmate Extra Terminal Viewer	3.10	Yes
	Compatible with Extra 9	No
Exceed		No
Hummingbird HostExplorer	6.10	Yes (3270)
	6.20	Yes (3270)
	7.00	No
	7.1.1	No
	8.00	Yes (3270)
	9.00	Yes (3270)
	10.00	Yes
	2007 (12)	Yes
	13.00	Yes
	14.00	Yes
IBM Client Access	3.20	Yes
	5.10	Yes

IBM Personal Communications (PCOM)	4.10	No
	4.20	No
	5.00	Yes
	5.60	Yes
	5.70	Yes
	5.80	No
	5.90	Yes
	6.00	Yes
IBM WebSphere Host on Demand	8.00	Yes
	9.00	No
	10.00	Yes
	11.00	Yes
Jacada	Any	No
Jolly Giant	Any	No
Microfocus Rumba ⁸	5.20	No
	2000.00	No
	7.00	Yes
	7.1.1	Yes
	7.20	Yes
	7.50	Yes
	8.10	Yes
	8.20	Yes
Microfocus Web-to-Host ⁸	5.00	Yes
	5.0 SP1	Yes
	5.30	Yes
	6.10	Yes
	6.20	Yes

NetSoft Elite	3.11	No
	3.12	No
Zephyr Passport PC TO HOST	2004.00	Yes
	2007.00	Yes
Zephyr Passport WEB TO HOST	2004.00	Yes
	2007.00	Yes
Seagull BlueZone	3.20	Yes (3270)
	4.00	Yes (3270)
	5.00	Yes(3270)
	6.X	Yes(3270)
WRQ Reflections	6.10	No
	6.20	No
	7.00	No
	8.00	Yes
	9.00	Yes
	10.00	Yes
	11.00	Yes
	12.00	Yes
	13.00	No
	14.00	Yes
	2007.00	Yes (SP1+)
AttachmateWRQ Reflection for UNIX and OpenVMS	12.00	Yes (text only)
	14.00	Yes (text only)
HP TeemTalk	7.20	Yes
WRQ Reflections for the Web	Any	No
Putty	Any	Yes

- ⁸ If you are working with Microfocus (formerly NetManage) RUMBA Web-to-Host:
 - Only mainframe display is supported for the Java client.
 - Only run sessions are supported for Java client and Pro client.
 - In Rumba Web-to-Host v6.x, the Java client does not support the HLLAP. Therefore, the Rumba Web-to-Host v6.x Java client is not supported.
- If you are using a newer version of one of the emulators listed in the *HP Unified Functional Testing Product Availability Matrix*, or your emulator version is different from one listed in a minor version number only, select the nearest preconfigured version in the Terminal Emulator Configuration Wizard. It is likely that the Unified Functional Testing Terminal Emulator Add-in will work successfully with your emulator.

The Terminal Emulator Add-in can also be used with most other terminal emulators. You can define the exact configuration settings that you need using the Terminal Emulator Configuration Wizard.

For more details, see the *HP Unified Functional Testing Add-ins Guide*.

VisualAge Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
VisualAge	VisualAge Smalltalk	4.2	Yes
		6.0	Yes
		7.5	Yes
		8.0	Yes
VAST Controls	EwIconArea	Any	Yes
	EwFlowedIconList	Any	Yes
	EwIconTree	Any	Yes
	EwIconList	Any	Yes
	EwTableList	Any	Yes
	EwTableTree	Any	Yes
	EwWINNotebook	Any	Yes
	EwPMNotebook	Any	Yes
	CwPushButton	Any	Yes
	CwRadioButton	Any	Yes
	CwCheckButton	Any	Yes
	EwSlider	Any	Yes
	CwText	Any	Yes
	EwBasePage	Any	Yes
	CwArrowButton	Any	Yes
	EwSpinButton	Any	Yes
	EwSplitBar	Any	Yes
	CwScale	Any	Yes
	CwComboBox	Any	Yes

.NET WPF Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Windows Presentation Foundation	Windows Presentation Foundation controls	3.0	Yes
	Windows Presentation Foundation controls	3.5	Yes
	Windows Presentation Foundation	4.0	Yes
	Windows Presentation Foundation	4.50	Yes
Silverlight	Silverlight	2.00	Yes (excluding Silverlight Runtime)
	Silverlight	3.00	Yes (excluding Silverlight Runtime)
	Silverlight	4.00	Yes
	Sliverlight	5.XX	Yes
UFT WPF and Silverlight Add-in Extensibility	Silverlight version (relevant for Silverlight only)	3.00	Yes
		4.00	Yes
		5.XX	Yes
	Microsoft .NET Framework (relevant for WPF only)	3.00	Yes
		3.50	Yes
		4.00	Yes
		4.50	Yes
	Visual Studio	2005	No
		2008	Yes
		2010	Yes
		2012	No
		2013	No

QT Add-in Technologies Support

Product / Standard	Version	Supported?
Qt	4.60	Yes

Flex Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Flex	Flex SDK	4.5.x	Yes
	Flex SDK	4.9.x	Yes
	Flex SDK	4.60	Yes
	Flex SDK	4.12.x	No
Supported Browsers	IE	All supported Versions	Yes
	Safari	All Versions	No
	Chrome	All Versions	No
	FireFox	All Versions	No

Mobile Add-in Technologies Support

Layer	Product / Standard	Version	Supported?
Applications	Native		Yes (with UFTMOB_00001)
	Hybrid		Yes (with UFTMOB_00001)
	Web		No
Operating Systems	Android	4.1+	Yes (with UFTMOB_00001)
	iOS	6+	Yes (with UFTMOB_00001)
	Windows Phone		No
Supported Browsers	Internet Explorer	7.00	No
		8.00	No
		9.00	No
		10.00	Yes (with UFTMOB_00001)
		11.00	Yes (with UFTMOB_00001)

GUI Testing Support for 64-bit Applications

Layer	Product / Standard	Version	Supported?	
Operating System	Windows 2008 R2		Yes	
	Windows 7 64 Bit		Yes	
	Windows 8 64 Bit		Yes	
	Windows 2012 Server		Yes	
Add-in	WPF		Yes (excluding XBAP applications)	
	WPF Extensibility		Yes (excluding XBAP applications)	
	Java		Yes	
	Java Extensibility		Yes	
	.NET		Yes (excluding Web Forms applications)	
	.NET Extensibility		Yes (excluding Web Forms applications)	
	Standard Windows		Yes	
	Delphi XE2		Yes	
	Internet Explorer 64 Bit	8.00		Yes (Excluding Silverlight and Flex)
		9.00		Yes (Excluding Silverlight and Flex)
		10.00		Yes (Excluding Silverlight and Flex)
		11.00		Yes (Excluding Silverlight and Flex)

API Testing Technologies Support

UFT supports the following technologies for API testing:

Note: Items marked as Technology Preview indicate that they are provided with limited functionality and support. It is recommended to use such environments for internal purposes and evaluations only.

Layer	Product / Standard	Version/Type	Supported?
Web Services	WSDL	1.10	Yes
		2.00	No
	SOAP	1.10	Yes
		1.20	Yes
	Attachments	MIME	Yes
		DIME	Yes
	WS-I	1.00	No
		1.10	No
		1.20	No
		2.00	Yes
	UDDI	2.x	No
		3.x	Yes
	WADL		Yes

Security	Web Services Security tokens	X509	Yes
		UserName	Yes
		Kerberos	Yes
		Kerberos2	Yes
		SAML	Yes
	Web Services WCF Security	CustomBinding	Yes
		HTTPBinding	Yes
		Federation	Yes
	Web Services WS - Adressing	1.00	Yes
		04/08	Yes
		04/03	Yes
	SSL	3.00	Yes
	HTTP	HTTP	1.00
1.10			Yes
Messaging Services	JMS - interfaces	1.0.2b	Yes
		1.10	Yes
	JMS - Servers	WebLogic Platform 8.1	Yes
		ActiveMQ 5.3.0	Yes
		Tibco 6.0	Yes
	IBM WebSphere MQ	6.00	No
		7.00	Yes
		7.10	No
		7.50	No

SAP	SAP .Net Connector	3.00	Yes
	ECC	6.00	Yes
		5.00	Yes
	Solution Manager	7.01	Yes
	R3	4.70	Yes
	SCM	7.00	Yes
	CRM	7.01	Yes
	PI	7.30	Yes
Java	JVM	JRE 7 Update 5	Yes
JSON	JSON		Yes
XML technologies	XML	1.00	Yes
		1.10	No
	XSD	1.00	Yes
		1.10	No
	Xpath	1.00	Yes
		2.00	No
Microsoft	.Net	4.00	Yes
	Excel	2007.00	Yes
		2010.00	Yes
Network capture	HAR		Yes
	tcpdump/libpcap		Yes

Other UFT Programs - Support Information

This section provides information about the supported hardware and software that you must have to successfully install and run other peripheral UFT programs, including:

- Testing Extensibility (TEA) Support48
- Concurrent License Server Support49

Note: Items marked as Technology Preview indicate that they are provided with limited functionality and support. It is recommended to use such environments for internal purposes and evaluations only.

Testing Extensibility (TEA) Support

UFT Testing Extensibility supports the following technologies:

Layer	Product / Standard	Version	Supported?
Visual Studio	Visual Studio	2005	Yes
	Visual Studio	2008	Yes
	Visual Studio	2010	Yes
	Visual Studio	2012	Yes

Concurrent License Server Support

The HP Functional Testing Concurrent License Server can be installed on the following operating systems:

- Windows 2000.00
- Windows XP (32- and 64-bit)
- Windows Server 2003 (32- and 64-bit)
- Windows Server 2003 R2 (32- and 64-bit)
- Windows Vista (32- and 64-bit)
- Windows 7 (32- and 64-bit)
- Windows Server 2008
- Windows Server 2008 R2