

System–Declared Uniform Type Identifiers

The following tables list uniform type identifiers (UTIs) that are declared by the system as of OS X v10.4.

Note: These tables list only UTIs declared by the system. Other UTIs may be declared privately by Apple applications (Mail, for example) and third-party developers.

Table 1 lists UTIs that are defined by the system.

Table 1 System–defined uniform type identifiers

Identifier (Constant)	Conforms to	Tags	Comments
public.item (kUTTypeItem)	–		Base type for the physical hierarchy.
public.content (kUTTypeContent)	–		Base type for all document content.
public.composite-content (kUTTypeCompositeContent)	public.content		Base type for mixed content. For example, a PDF file contains both text and special formatting data.
public.data (kUTTypeData)	public.item		Base physical type for byte streams (flat files, pasteboard data, and so on).
public.database	–		Base functional type for databases.
public.calendar-event	–		Base functional type for scheduled events.
public.message (kUTTypeMessage)	–		Base type for messages (email, IM, and so on).
public.presentation	public.composite-content		Base type for presentations.
public.contact (kUTTypeContact)	–		Base type for contact

			information.
public.archive (kUTTypeArchive)	-		Base type for an archive of files and directories.
public.disk-image (kUTTypeDiskImage)	public.archive		Base type for items mountable as a volume.
public.text (kUTTypeText)	public.content, public.data		Base type for all text, including text with markup information (HTML, RTF, and so on).
public.plain-text (kUTTypePlainText)	public.text	.txt, text/plain	Text of unspecified encoding, with no markup. Equivalent to the MIME type text/plain
public.utf8-plain-text (kUTTypeUTF8PlainText)	public.plain-text	'utf8', NSStringPBoardType	Unicode-8
public.utf16-external-plain-text (kUTTypeUTF16ExternalPlainText)	public.plain-text	'ut16'	Unicode-16 with byte-order mark (BOM), or if BOM is not present, an external representation byte order (big-endian).
public.utf16-plain-text (kUTTypeUTF16PlainText)	public.plain-text	'utxt'	Unicode-16, native byte order, with an optional byte-order mark (BOM).
com.apple.traditional-mac-plain-text	public.plain-text	'TEXT'	Classic Mac OS text.
public.rtf (kUTTypeRTF)	public.text	'RTF ', .rtf, text/rtf, NeXT Rich Text Format 1.0 pasteboard type, NSRTFPBoardType	Rich Text.
com.apple.ink.inktext (kUTTypeInkText)	public.data		Opaque InkText data.
public.html (kUTTypeHTML)	public.text	'HTML', .html, .htm, text/html, Apple HTML pasteboard type	HTML text.

public.xml (kUTTypeXML)	public.text	.xml, text/xml	XML text.
public.source-code (kUTTypeSourceCode)	public.plain-text		Generic source code.
public.c-source (kUTTypeCSource)	public.source-code	.c	C source code.
public.objective-c-source (kUTTypeObjectiveCSource)	public.source-code	.m	Objective-C source code.
public.c-plus-plus-source (kUTTypeCPlusPlusSource)	public.source-code	.cp, .cpp, .c++, .cc, .cxx	C++ source code.
public.objective-c-plus-plus-source (kUTTypeObjectiveCPlusPlusSource)	public.source-code	.mm	Objective-C++ source code.
public.c-header (kUTTypeCHeader)	public.source-code	.h	C header file.
public.c-plus-plus-header (kUTTypeCPlusPlusHeader)	public.source-code	.hpp, .h++ , .hxx	C++ header file.
com.sun.java-source (kUTTypeJavaSource)	public.source-code	.java, .jav	Java source code
public.script	public.source-code		Base type for scripting language source code.
public.assembly-source	public.source-code	.s	Assembly language source code.
com.apple.rez-source	public.source-code	.r	Rez source code.
public.mig-source	public.source-code	.defs, .mig	Mig definition source code.
com.apple.symbol-export	public.source-code	.exp	Symbol export list.
com.netscape.javascript-source	public.source-code, public.executable	.js, .jscript, .javascript, text/javascript	JavaScript.
public.shell-script	public.script	.sh, .command	Shell script.
public.csh-script	public.shell-script	.csh	C-shell script.
public.perl-script	public.shell-script	.pl, .pm, text/x-perl-script	Perl script.
public.python-script	public.shell-script	.py, text/x-python-script	Python script.
public.ruby-script	public.shell-script	.rb, .rbw, text/ruby-script	Ruby script.
public.php-script	public.shell-script	.php, .php3, .php4, .ph3, .ph4, .phtml,	PHP script.

		text/x-php-script, text/php, application/php	
com.sun.java-web-start	public.xml	.jnlp, application/x-java, jnlp-file, application/jnlp	Java web start.
com.apple.applescript.text	public.script	.applescript	AppleScript text.
com.apple.applescript.script	public.data	.sct, 'osas'	AppleScript.
public.object-code	public.data, public.executable	.o	Object code.
com.apple.mach-o-binary	public.data, public.executable		Mach-O binary.
com.apple.pef-binary	public.data, public.executable		PEF (CFM-based) binary
com.microsoft.windows-executable	public.data, public.executable	.exe, application/x-msdownload	Microsoft Windows application.
com.microsoft.windows-dynamic-link-library	public.data, public.executable	.dll, application/x-msdownload	Microsoft dynamic link library.
com.sun.java-class	public.data, public.executable	.class	Java class.
com.sun.java-archive	public.data, public.executable, public.archive	.jar , application/java-archive	Java archive.
com.apple.quartz-composer-composition	public.data, public.executable	.qtz , application/x-quartzcomposer	Quartz Composer composition.
org.gnu.gnu-tar-archive	public.data, public.archive	.gtar, application/x-gtar	GNU archive.
public.tar-archive	org.gnu.gnu-tar-archive	.tar, application/x-tar, application/tar	Tar archive.
org.gnu.gnu-zip-archive	public.data, public.archive	.gz, .gzip, application/x-gzip, application/gzip	Gzip archive.
org.gnu.gnu-zip-tar-archive	org.gnu.gnu-zip-archive	.tgz	Gzip tar archive.
com.apple.binhex-archive	public.data, public.archive	.hqx, application/mac-binhex40, application/mac-binhex, application/binhex	BinHex archive.
com.apple.macbinary-archive	public.data, public.archive	.bin, application/x-macbinary, application/macbinary	MacBinary archive.

public.url (kUTTypeURL)	public.data	'url '	Uniform Resource Locator.
public.file-url (kUTTypeFileURL)	public.url	'furl'	File URL.
public.url-name	–	'urln'	URL name.
public.vcard (kUTTypeVCard)	public.data, public.content	'vCrd', .vcf, .vcard, text/directory, text/vcard, text/x- vcard, Apple Vcard, pasteboard type	vCard (electronic business card).
public.image (kUTTypeImage)	public.data, public.content		Base type for images.
public.fax	public.image		Base type for fax images.
public.jpeg (kUTTypeJPEG)	public.image	'JPEG', .jpg, .jpeg, image/jpeg	JPEG image.
public.jpeg-2000 (kUTTypeJPEG2000)	public.image	'jp2 ', .jp2, image/jp2	JPEG 2000 image.
public.tiff (kUTTypeTIFF)	public.image	'TIFF', .tif, .tiff, image/tiff, NeXT TIFF v4.0 pasteboard type, NSTIFFPBoardType	TIFF image.
public.camera-raw-image	public.image		Base type for digital camera raw image formats.
com.apple.pict (kUTTypePICT)	public.image	'PICT', .pic, .pct, .pict, image/pict, image/x- pict, image/x- macpict	PICT image
com.apple.macpaint-image	public.image	.pntg, 'PNTG'	MacPaint image.
public.png (kUTTypePNG)	public.image	'PNGf', .png, image/png	PNG image
public.xbitmap-image	public.image	.xbm, image/x- quicktime	X bitmap image.
com.apple.quicktime-image (kUTTypeQuickTimeImage)	public.image	'qtif', .qif, .qtif, image/x-quicktime	QuickTime image.
com.apple.icns (kUTTypeAppleICNS)	public.image	'icns', .icns	Mac OS icon image.
com.apple.txn.text-multimedia-data (kUTTypeTXNTextAndMultimediaData)	public.data, public.composite- content	'txtn'	MLTE (Textension) format for mixed text and multimedia data.

public.audiovisual-content (kUTTypeAudioVisualContent)	public.data, public.content		Base type for any audiovisual content.
public.movie	public.audiovisual-content		Base type for movies (video with optional audio or other tracks).
public.video (kUTTypeVideo)	public.movie		Base type for video (no audio).
com.apple.quicktime-movie (kUTTypeQuickTimeMovie)	public.movie	'MooV', .mov, .qt, video/quicktime	QuickTime movie.
public.avi	public.movie	.avi, .vfw, 'Vfw ', video/avi, video/msvideo, video/x-msvideo	AVI movie.
public.mpeg (kUTTypeMPEG)	public.movie	'MPG ', 'MPEG', .mpg, .mpeg, .m75, .m15, video/mpg, video/mpeg, video/x-mpg, video/x-mpeg	MPEG-1 or MPEG-2 content.
public.mpeg-4 (kUTTypeMPEG4)	public.movie	'mpg4', .mp4, video/mp4, video/mp4v	MPEG-4 content.
public.3gpp	public.movie	.3gp, .3gpp, '3gpp', video/3gpp, audio/3gpp	3GPP movie.
public.3gpp2	public.movie	.3g2, .3gp2, '3gp2', video/3gpp2, audio/3gpp2	3GPP2 movie.
public.audio (kUTTypeAudio)	public.audiovisual-content		Base type for audio (no video).
public.mp3 (kUTTypeMP3)	public.audio	'MPG3', 'mpg3', 'Mp3', 'MP3 ', 'mp3!', 'MP3!', .mp3, audio/mpeg, audio/mpeg3, audio/mpg, audio/mp3, audio/x-mpeg, audio/x-mpeg3, audio/x-mpg, audio/x-mp3	MPEG-3 audio.
public.mpeg-4-audio (kUTTypeMPEG4Audio)	public.audio, public.mpeg4	'M4A ', .m4a	MPEG-4 audio.
com.apple.protected-mpeg-4-audio (kUTTypeAppleProtectedMPEG4Audio)	public.audio	'M4P ', 'M4B ', .m4p, .m4b	Protected MPEG-4 audio. (iTunes music store format)
public.ulaw-audio	public.audio	.au, .ulw, .snd,	μLaw audio.

		'ULAW', audio/basic, audio/au, audio/snd	
public.aifc-audio	public.audio	.aifc, .aiff, .aif, 'AIFC', audio/aiff, audio/x-aiff	AIFF-C audio.
public.aiff-audio	public.audio	.aiff, .aif, 'AIFF', audio/aiff, audio/x-aiff	AIFF audio.
com.apple.coreaudio-format	public.audio	.caf, 'caff'	Core Audio format.
public.directory (kUTTypeDirectory)	public.item		Base type for directories.
public.folder (kUTTypeFolder)	public.directory		A plain folder (that is, not a package).
public.volume (kUTTypeVolume)	public.folder		A volume.
com.apple.package (kUTTypePackage)	public.directory		A package (that is, a directory presented to the user as a file).
com.apple.bundle (kUTTypeBundle)	public.directory	'BNDL', .bundle	A directory with an internal structure specified by Core Foundation Bundle Services.
public.executable	–		Base type for executable data.
com.apple.application (kUTTypeApplication)	public.executable		Base type for applications and other launchable files.
com.apple.application-bundle (kUTTypeApplicationBundle)	com.apple.package, com.apple.bundle, com.apple.application	'APPL', .app	Application bundle.
com.apple.application-file (kUTTypeApplicationFile)	com.apple.application public.data	'APPL'	Application file.
com.apple.deprecated-application-file	com.apple.application -file	'APPC', 'APPD', 'APPE', 'appe', 'CDEV', 'cdev', 'dfil'	Deprecated application file.
com.apple.plugin	com.apple.bundle, com.apple.package	.plugin	Plugin.
com.apple.metadata-importer	com.apple.plugin	.mdimporter	Spotlight importer

			plugin.
com.apple.dashboard-widget	com.apple.bundle, com.apple.package	.wdgt	Dashboard widget.
public.cpio-archive	public.data	.cpio	CPIO archive.
com.pkware.zip-archive	public.data, public.archive	.zip, application/zip	Zip archive.
com.apple.webarchive (kUTTypeWebArchive)	public.data, public.composite-content		Web Kit webarchive format.
com.apple.framework (kUTTypeFramework)	com.apple.bundle	'FMWK', .framework	Framework.
com.apple.rtf (kUTTypeRTFD)	com.apple.package, public.composite-content	.rtfd	Rich Text Format Directory. That is, Rich Text with content embedding, on-disk format.
com.apple.flat-rtfd (kUTTypeFlatRTFD)	public.data, public.composite-content	NeXT RTFD pasteboard type, NSRTFDPBoardType	Rich Text with content embedding, pasteboard format.
com.apple.resolvable (kUTTypeResolvable)	–		Items that the Alias Manager can resolve.
public.symlink (kUTTypeSymLink)	public.item, com.apple.resolvable		UNIX-style symlink.
com.apple.mount-point (kUTTypeMountPoint)	public.item, com.apple.resolvable		A volume mount point
com.apple.alias-record (kUTTypeAliasRecord)	public.data, com.apple.resolvable	'alis'	Alias record.
com.apple.alias-file (kUTTypeAliasFile)	public.data, com.apple.resolvable		Alias file.
public.font	public.data		Base type for fonts.
public.true-type-font	public.font		TrueType font.
com.adobe.postscript-font	public.font		PostScript font.
com.apple.true-type-datafork-suitcase-font	public.true-type-font	.dfont, 'dfon'	TrueType data fork font.
public.opentype-font	public.font	.otf, 'OTTO'	PostScript OpenType font.
public.true-type-ttf-font	public.true-type-font	.ttf	TrueType OpenType font.
public.true-type-collection-font	public.font	.ttc, 'ttcf'	TrueType

			collection font.
com.apple.font-suitcase	public.font	.suit, 'FFIL', 'ffil', 'sfnt', 'tfil'	Font suitcase.
com.adobe.postscript-lwfn-font	com.adobe.postscript-font	'LWFN'	PostScript Type 1 outline font.
com.adobe.postscript-pfb-font	com.adobe.postscript-font	.pfb	PostScriptType1 outline font.
com.adobe.postscript.pfa-font	com.adobe.postscript-font	.pfa	PostScriptType 1 outline font.
com.apple.colorsync-profile	public.data	.icc, .icm, .pf, 'prof'	ColorSync profile.

Table 2 lists UTIs used to identify alternate tags. You use these to specify alternate methods of tag identification in UTI declarations.

Table 2 Uniform type identifiers for alternate tags

Identifier	Conforms to	Comments
public.filename-extension	public.case-insensitive-text	Filename extension.
public.mime-type	public.case-insensitive-text	MIME type.
com.apple.ostype	public.text	Four-character code (type <code>OSType</code>).
com.apple.nspboard-type	public.text	NSPasteboard type.

Table 3 lists third-party UTIs that the system redeclares as imported types.

Table 3 Imported uniform type identifiers

Identifier (Constant)	Conforms to	Tags	Comments
com.adobe.pdf (<code>kUTTypePDF</code>)	public.data, public.composite-content	'PDF ', .pdf, application/pdf, Apple PDF pasteboard type	PDF data.
com.adobe.postscript	public.data	.ps, application/postscript	PostScript data.
com.adobe.encapsulated-postscript	com.adobe.postscript	.eps, NeXT Encapsulated PostScript v1.2 pasteboard type	Encapsulated PostScript.
com.adobe.photoshop-image	public.image	.psd, '8BPS', 'image/x- photoshop, image/photoshop, image/psd, application/photoshop	Adobe Photoshop document.
com.adobe.illustrator.ai-image	public.image	.ai	Adobe Illustrator

			document.
com.compuserve.gif (kUTTypeGIF)	public.image	'GIF', .gif, image/gif	GIF image.
com.microsoft.bmp (kUTTypeBMP)	public.image	'BMP ', 'BMPf', .bmp	Windows bitmap image.
com.microsoft.ico (kUTTypeICO)	public.image	.ico	Windows icon image.
com.microsoft.word.doc	public.data	'W8BN', .doc, application/msword	Microsoft Word data.
com.microsoft.excel.xls	public.data	'XLS8', .xls, application/vnd.ms-excel	Microsoft Excel data.
com.microsoft.powerpoint.ppt	public.data, public.presentation	.ppt, 'SLD8', application/mspowerpoint	Microsoft PowerPoint presentation.
com.microsoft.waveform-audio	public.audio	.wav, .wave, '.WAV', 'WAVE', audio/wav, audio/wave	Waveform audio.
com.microsoft.advanced-systems-format	public.audiovisual-content	.asf , 'ASF_', video/x-ms-asf	Microsoft Advanced Systems format.
com.microsoft.windows-media-wm	public.movie, com.microsoft.advanced-systems-format	.wm, video/x-ms-wm	Windows media.
com.microsoft.windows-media-wmv	public.movie, com.microsoft.advanced-systems-format	.wmv, video/x-ms-wmv	Windows media.
com.microsoft.windows-media-wmp	public.movie, com.microsoft.advanced-systems-format	.wmp, video/x-ms-wmp	Windows media.
com.microsoft.windows-media-wma	public.audio, com.microsoft.advanced-systems-format	.wma, video/x-ms-wma	Windows media audio.
com.microsoft.advanced-stream-redirector	public.xml, public.audiovisual-content	.asx, 'ASX_', video/x-ms-asx	Advanced Stream Redirector.
com.microsoft.windows-media-wmx	public.audio, com.microsoft.advanced-stream-redirector	.wmx , video-x-ms-wmx	Windows media.
com.microsoft.windows-media-wvx	public.audio, com.microsoft.advanced-stream-redirector	.wvx, video-x-ms-wvx	Windows media.
com.microsoft.windows-media-wax	public.audio, com.microsoft.advanced-stream-redirector	.wax, video-x-ms-wax	Windows media audio.
com.apple.keynote.key	com.apple.package,	.key	Apple

	public.presentation		Keynote document.
com.apple.keynote.kth	com.apple.package, public.composite-content	.kth	Apple Keynote theme.
com.truevision.tga-image	public.image	.tga, 'TPIC', image/targa, image/tga, application/tga	TGA image.
com.sgi.sgi-image	public.image	.sgi, 'SGI', image/sgi	Silicon Graphics image.
com.ilm.openexr-image	public.image	.exr	OpenEXR image.
com.kodak.flashpix.image	public.image	.fpx, image/fpx, application/vnd.fpx	FlashPix image.
com.j2.jfx-fax	public.fax	.jfx	J2 fax.
com.js.efx-fax	public.fax	.efx, image/efax	eFax fax.
com.digidesign.sd2-audio	public.audio	.sd2, 'Sd2f'	Digidesign Sound Designer II audio.
com.real.realmedia	public.movie	.rm, 'PNRM', application/vnd.rn-realmedia	RealMedia.
com.real.realaudio	public.audio	.ram, .ra, 'PNRA', audio/vnd.rn-realaudio, audio/x-pn-realaudio	RealMedia audio.
com.real.smil	public.xml	.smil, application/smil	Real synchronized multimedia integration language.
com.allume.stuffit-archive	public.data, public.archive	.sit, .sitx, application/x-stuffit, application/x-sit, application/stuffit	Stuffit archive.