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Windows information custom actions

The QueryWindowsDirectories, QueryWindowsDriverInfo, QueryWindowsSuiteInfo, and QueryWindowsWellKnownSIDs elements in the Util schema schedule custom actions that query the system and set properties based on those queries.

QueryWindowsDirectories properties

Property	Description
WIX_DIR_ADMINTOOLS	Per-user administrative tools directory. Equivalent to the SHGetFolderPath CSIDL_ADMINTOOLS flag.
WIX_DIR_ALTSTARTUP	Per-user nonlocalized Startup program group. Equivalent to the SHGetFolderPath CSIDL_ALTSTARTUP flag.
WIX_DIR_CDBURN_AREA	Per-user CD burning staging directory. Equivalent to the SHGetFolderPath CSIDL_CDBURN_AREA flag.
WIX_DIR_COMMON_ADMINTOOLS	All-users administrative tools directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_ADMINTOOLS flag.
WIX_DIR_COMMON_ALTSTARTUP	All-users nonlocalized Startup program group. Equivalent to the SHGetFolderPath

Property	Description
	CSIDL_COMMON_ALTSTARTUP flag.
WIX_DIR_COMMON_DOCUMENTS	All-users documents directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_DOCUMENTS flag.
WIX_DIR_COMMON_FAVORITES	All-users favorite items directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_FAVORITES flag.
WIX_DIR_COMMON_MUSIC	All-users music files directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_MUSIC flag.
WIX_DIR_COMMON_PICTURES	All-users picture files directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_PICTURES flag.
WIX_DIR_COMMON_VIDEO	All-users video files directory. Equivalent to the SHGetFolderPath CSIDL_COMMON_VIDEO flag.
WIX_DIR_COOKIES	Per-user Internet Explorer cookies directory. Equivalent to the SHGetFolderPath CSIDL_COOKIES flag.
WIX_DIR_DESKTOP	Per-user desktop directory. Equivalent to the SHGetFolderPath CSIDL_DESKTOP flag.
WIX_DIR_HISTORY	Per-user Internet Explorer history directory. Equivalent to the SHGetFolderPath CSIDL_HISTORY flag.

Property	Description
WIX_DIR_INTERNET_CACHE	Per-user Internet Explorer cache directory. Equivalent to the SHGetFolderPath CSIDL_INTERNET_CACHE flag.
WIX_DIR_MYMUSIC	Per-user music files directory. Equivalent to the SHGetFolderPath CSIDL_MYMUSIC flag.
WIX_DIR_MYPICTURES	Per-user picture files directory. Equivalent to the SHGetFolderPath CSIDL_MYPICTURES flag.
WIX_DIR_MYVIDEO	Per-user video files directory. Equivalent to the SHGetFolderPath CSIDL_MYVIDEO flag.
WIX_DIR_NETHOOD	Per-user My Network Places link object directory. Equivalent to the SHGetFolderPath CSIDL_NETHOOD flag.
WIX_DIR_PERSONAL	Per-user documents directory. Equivalent to the SHGetFolderPath CSIDL_PERSONAL flag.
WIX_DIR_PRINTHOOD	Per-user Printers link object directory. Equivalent to the SHGetFolderPath CSIDL_PRINTHOOD flag.
WIX_DIR_PROFILE	Per-user profile directory. Equivalent to the SHGetFolderPath CSIDL_PROFILE flag.
WIX_DIR_RECENT	Per-user most recently used documents shortcut directory. Equivalent to the SHGetFolderPath CSIDL_RECENT flag.

Property	Description
WIX_DIR_RESOURCES	All-users resource data directory. Equivalent to the SHGetFolderPath CSIDL_RESOURCES flag.

QueryWindowsDriverInfo properties

Property	Description
WIX_WDDM_DRIVER_PRESENT	Set to 1 if the video card driver on the target machine is a WDDM driver. This property is set only on machines running Windows Vista or later.
WIX_DWM_COMPOSITION_ENABLED	Set to 1 if the target machine has composition enabled. This property is set only on machines running Windows Vista or later.

QueryWindowsSuiteInfo properties

QueryWindowsSuiteInfo sets one or more of the following session properties for the product suites available on the system or system metrics.

Property	Description
WIX_SUITE_BACKOFFICE	Equivalent to the OSVERSIONINFOEX VER_SUITE_BACKOFFICE flag.

Property	Description
WIX_SUITE_BLADE	Equivalent to the OSVERSIONINFOEX VER_SUITE_BLADE flag.
WIX_SUITE_COMMUNICATIONS	Equivalent to the OSVERSIONINFOEX VER_SUITE_COMMUNICATIONS flag.
WIX_SUITE_COMPUTE_SERVER	Equivalent to the OSVERSIONINFOEX VER_SUITE_COMPUTE_SERVER flag.
WIX_SUITE_DATACENTER	Equivalent to the OSVERSIONINFOEX VER_SUITE_DATACENTER flag.
WIX_SUITE_EMBEDDEDNT	Equivalent to the OSVERSIONINFOEX VER_SUITE_EMBEDDEDNT flag.
WIX_SUITE_EMBEDDED_RESTRICTED	Equivalent to the OSVERSIONINFOEX VER_SUITE_EMBEDDED_RESTRICTED flag.
WIX_SUITE_ENTERPRISE	Equivalent to the OSVERSIONINFOEX VER_SUITE_ENTERPRISE flag.
WIX_SUITE_MEDIACENTER	Equivalent to the GetSystemMetrics SM_SERVERR2 flag.
WIX_SUITE_PERSONAL	Equivalent to the OSVERSIONINFOEX VER_SUITE_PERSONAL flag.
WIX_SUITE_SECURITY_APPLIANCE	Equivalent to the OSVERSIONINFOEX VER_SUITE_SECURITY_APPLIANCE flag.
WIX_SUITE_SERVERR2	Equivalent to the GetSystemMetrics SM_SERVERR2 flag.
WIX_SUITE_SINGLEUSERTS	Equivalent to the OSVERSIONINFOEX VER_SUITE_SINGLEUSERTS flag.
WIX_SUITE_SMALLBUSINESS	Equivalent to the OSVERSIONINFOEX VER_SUITE_SMALLBUSINESS flag.

Property	Description
WIX_SUITE_SMALLBUSINESS_RESTRICTED	Equivalent to the OSVERSIONINFOEX VER_SUITE_SMALLBUSINESS_RESTRICTED flag.
WIX_SUITE_STARTER	Equivalent to the GetSystemMetrics SM_STARTER flag.
WIX_SUITE_STORAGE_SERVER	Equivalent to the OSVERSIONINFOEX VER_SUITE_STORAGE_SERVER flag.
WIX_SUITE_TABLETPC	Equivalent to the GetSystemMetrics SM_TABLETPC flag.
WIX_SUITE_TERMINAL	Equivalent to the OSVERSIONINFOEX VER_SUITE_TERMINAL flag.
WIX_SUITE_WH_SERVER	Windows Home Server. Equivalent to the OSVERSIONINFOEX VER_SUITE_WH_SERVER flag.

QueryWindowsWellKnownSIDs properties

Property	Description
WIX_ACCOUNT_LOCALSYSTEM	Localized qualified name of the Local System account (WinLocalSystemSid).
WIX_ACCOUNT_LOCALSERVICE	Localized qualified name of the Local Service account (WinLocalServiceSid).

Property	Description
WIX_ACCOUNT_NETWORKSERVICE	Localized qualified name of the Network Service account (WinNetworkServiceSid).
WIX_ACCOUNT_ADMINISTRATORS	Localized qualified name of the Administrators group (WinBuiltinAdministratorsSid).
WIX_ACCOUNT_USERS	Localized qualified name of the Users group (WinBuiltinUsersSid).
WIX_ACCOUNT_GUESTS	Localized qualified name of the Users group (WinBuiltinGuestsSid).
WIX_ACCOUNT_PERFLOGUSERS, WIX_ACCOUNT_PERFLOGUSERS_NODOMAIN	Localized qualified name of the Performance Log Users group (WinBuiltinPerfLoggingUsersSid).

QueryNativeMachine properties

Property	Description
WIX_NATIVE_MACHINE	Set to an Image File Machine value representing the native architecture of the machine. This property is set only on Windows 10 version 1511 (TH2) and later.

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