# CommCtrl

Added missing const qualifiers

Updated #defines, added version specific #ifs

Removed duplicate definitions:

* SB\_SETTEXTA, SB\_..., SB\_GETRECT
* DTN\_USERSTRINGA, DTN\_…, DTN\_DATETIMECHANGE
* MCN\_SELCHANGE, MCN\_…, MCN\_SELECT

# CommDlg

Updated #defines, added version specific #ifs

Added Unicode-WindowClass-Names

Added missing PrintDlgEx function + structures

Updated OFN (OpenFileName) Structure for newer Windows Versions (2000)

No (missing) const qualifiers

NOT Renamed because function with same name exists:

* PRINTDLGEX\_ (struct)

# WinBase

Updated #defines, added version specific #ifs

Check renamed definitions:

* GPTR\_
* GHND\_
* LPTR\_
* LHND\_

TODO: nested structs in FILE\_REMOTE\_PROTOCOL\_INFO

Added missing structures/enums for newer Windows Versions (Vista):

* FILE\_BASIC\_INFO
* FILE\_STANDARD\_INFO
* FILE\_NAME\_INFO
* FILE\_STREAM\_INFO
* FILE\_COMPRESSION\_INFO
* FILE\_ATTRIBUTE\_TAG\_INFO
* FILE\_ID\_BOTH\_DIR\_INFO
* FILE\_REMOTE\_PROTOCOL\_INFO
* DEP\_SYSTEM\_POLICY\_TYPE (enum)
* FILE\_INFO\_BY\_HANDLE\_CLASS (enum)

Renamed COMM\_CONFIG to COMMCONFIG, see [http://msdn.microsoft.com/en-us/library/windows/desktop/aa363188%28v=vs.85%29.aspx](http://msdn.microsoft.com/en-us/library/windows/desktop/aa363188%28v%3Dvs.85%29.aspx)

Renamed definitions:

* Beep\_ (function)
* Sleep\_ (function)

Renamed ReadDirectoryChanges to ReadDirectoryChangesW (no -A exists), same for QueryActCtxW and CreateProcessWithLogonW

Changed GlobalDiscard() from function (such an function doesn’t exist in kernel32??) to macro

TODO: Check GetEnvironmentStrings (there also exists a GetEnvironmentStringA und -W function in kernel32)

Added missing function definitions:

* ChangeTimerQueueTimer
* CheckTokenMembership
* SetInformationJobObject
* QueryInformationJobObject
* CreateRestrictedToken
* GetDevicePowerState
* GetFileInformationByHandleEx
* GetProcessDEPPolicy
* GetSystemDEPPolicy
* GetTickCount64
* IsTokenRestricted
* ReOpenFile
* SetProcessDEPPolicy
* TzSpecificLocalTimeToSystemTime
* UnregisterWait

# WinGDI

Updated #defines, added version specific #ifs

Renamed because type with same name exists in WinUser:

* BITSPIXEL\_
* PLANES\_

Renamed because function with same name exists:

* ABORTDOC\_
* SETABORTPROC\_
* STARTDOC\_
* ENDDOC\_
* SETMITERLIMIT\_
* EXTTEXTOUT\_
* STRETCHBLT\_

Check BitmapV4Header Structure: bV4V4Compression or bV4Compression? MS doesn’t know either: [http://msdn.microsoft.com/en-us/library/windows/desktop/dd183380%28v=vs.85%29.aspx](http://msdn.microsoft.com/en-us/library/windows/desktop/dd183380%28v%3Dvs.85%29.aspx)

Added BitmapV5Header Structure

Updated ENHMETAHEADER for newer Windows Versions (95, 2000)

Added missing const qualifiers

Added missing function definitions:

* ColorCorrectPalette
* GetDCBrushColor
* GetDCPenColor
* GetTextExtentExPointI
* GetLayout
* SetLayout
* AlphaBlend (in msimg32)
* GradientFill (in msimg32)
* TransparentBlt (in msimg32)

# WinNT

Updated #defines, added version specific #ifs

Added missing const qualifiers

No TEXT() macro because of naming conflicts (use \_\_TEXT() instead)

Fixed SYSTEM\_LUID definition

Added missing structures for newer Windows Versions (Vista):

* SID\_AND\_ATTRIBUTES\_HASH, SID\_HASH\_ENTRY
* TOKEN\_ACCESS\_INFORMATION, TOKEN\_ELEVATION, TOKEN\_MANDATORY\_POLICY, TOKEN\_MANDATORY\_LABEL, TOKEN\_LINKED\_TOKEN
* SYSTEM\_POWER\_CONDITION
* Updated Enum: TOKEN\_INFORMATION\_CLASS

Removed IMAGE\_SECTION\_HEADER\_Misc, created anonymous union instead

# WinUser

Updated #defines, added version specific #ifs

TODO: check structures, function definitions, missing const qualifiers, …