

# OS/2 DLL entry points

This OS/2 DLL's entry point description is inspired by <http://home.clara.net/orac/os2dll.htm>, <http://www.edm2.com/index.php/Category:Files>

## Control Program API

These DLL's contain core OS/2 API, exported by kernel (called CP API or Control Program API), and others are mostly “forwarders” to doscalls. We must note here, that in Intel OS/2 doscalls is a virtual DLL. It does not exist on disk. But here exist DOSCALL1.DLL, which is a collections of call gates into the kernel, or implementations of some API's fully in ring3, based on the real kernel API. DOSCALLS is a virtual DLL, which is a pure kernel API merged with doscall1.dll. The kernel will load also the DLL called DOSCALL2.DLL, which is “user defined API's”. This was intended for OEM API extensions.

Name	Description	Status
<a href="#">doscalls</a>	Most CP API	
<a href="#">ansicall</a>	ANSI terminal support	Done
<a href="#">nls</a>	NLS support	Done
<a href="#">msg</a>	Message file API	Done
<a href="#">moncalls</a>	Monitor API	Done
<a href="#">kbdcalls</a>	Keyboard API	
<a href="#">moucalls</a>	Mouse API	
<a href="#">viocalls</a>	VIO API	
<a href="#">sesmgr</a>	Session manager	
<a href="#">bkscalls</a>	Base Keyboard Subsystem	Done
<a href="#">bmscalls</a>	Base Mouse subsystem	Done
<a href="#">bvscalls</a>	Base Video Subsystem	Done
<a href="#">nampipes</a>	Named Pipes API	Done
<a href="#">quecalls</a>	Queues API	
<a href="#">os2char</a>	OS/2 character console context	Done

## Unicode API

Name	Description	Status
<a href="#">uconv</a>		
<a href="#">unikbd</a>		
<a href="#">libuni</a>		

## BIDIrectional support

Name	Description	Status
<a href="#">bdcalls</a>	16-bit API	
<a href="#">bdcalls32</a>	32-bit API	
<a href="#">bdime</a>	BIDIrectional Input Method Editor	
<a href="#">bdbvh</a>	BVH for BIDI	
<a href="#">bdview</a>	BDview (Language Viewer) WPS class (in System Setup)	

Name	Description	Status
bdwpcls	some WPS class?	

## Base Video Handlers

Name	Description	Status
bvhinit	minimal BVH, capable of writing via int 10h when booting and install process	
bvhmpa	a BVH for monochrome adapter	
bvhvga	a BVH for VGA adapter	
bvhsvga	a filter BVH for SVGA modes	
bvhwndw	a BVH for VIO windows in a PM environment	

## GRADD subsystem

Name	Description	Status
vman	Video Manager (VMAN)	
softdraw	Softdraw - a default software renderer	
gre2vman	A PM GRE to VMAN translation layer	
gengradd	Generic VESA GRADD driver as an example of a GRADD driver	

## Information Presentation facility

Name	Description	Status
helpmgr	Help Manager API	
hpmgrmri	Help manager MRI (resources)	
minxobj	Mindex (Main Index/Glossary) WPS class	
ibmhmgr	Old version of helpmgr (from IBM)	
newview	some NewView stub ???	
minxmri	Mindex resources (MRI)	

## REXX

Name	Description	Status
rexx	REXX Interpreter	
rexxapi	API for manipulating REXX environment and enable scripting in applications	
rexxutil	REXX utilities library	

## Presentation Manager

### The core PM DLL's

Name	Description	Status
pmmerge	The PM merged library (the PM "kernel")	
pmmrgres	PMMERGE resources	
pmshapi	The PMShell API	
pmshlkt	PMShell toolkit ???	

Name	Description	Status
pmgre	PM GRE (Graphics Runtime Environment) API	
pmgpi	GPI (Graphical Program Interface) API	
pmdrag	The PM Drag'n'Drop API	Done
pmctls	PM controls	
pmbidi	PM BIDI API	
pmmle	PM MLE (Multiple Line Edit) control	
pmspl	PM Print Spooler API	
pmviop	PM VIO Shield	
pmwin	PM Window Manager API	
pmwinx	Open32 (Win32 API subset)	<a href="#">mirrors</a>
		Something also related to Open32
		<a href="#">registry</a>
		Registry support

### The IFI (Intelligent Font Interface) drivers

<a href="#">pmatm</a>	A PM Adobe Type Manager	<a href="#">truetype</a>	A PM Truetype Font Driver	<a href="#">pmunif</a>	A PM UNI Font IFI driver	<a href="#">freetype</a>	A Free OpenSource Truetype driver replacement
<a href="#">pmpre</a>	PMPRE ???						

### Data Exchange

<a href="#">pmclip</a>	PM clipboard	<a href="#">pmdde</a>	A windows-like Dynamic Data Exchange	<a href="#">pmddeml</a>	???	
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### VDM PM interface

<a href="#">pmvdmh</a>	PM VDM helper	<a href="#">pmvdmp</a>	PM DOS window DLL (works closely with pmviop)	<a href="#">seamless</a>	Seamless Win-OS/2 support (PM shield)	<a href="#">shield</a>	Some shieild API
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### WPS

<a href="#">pmwp</a>	WPS main module	<a href="#">pmwpmri</a>	WPS resources	<a href="#">pmvddrop</a>	PMVDDrop Class library (WPS class???)	
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### Miscellaneous

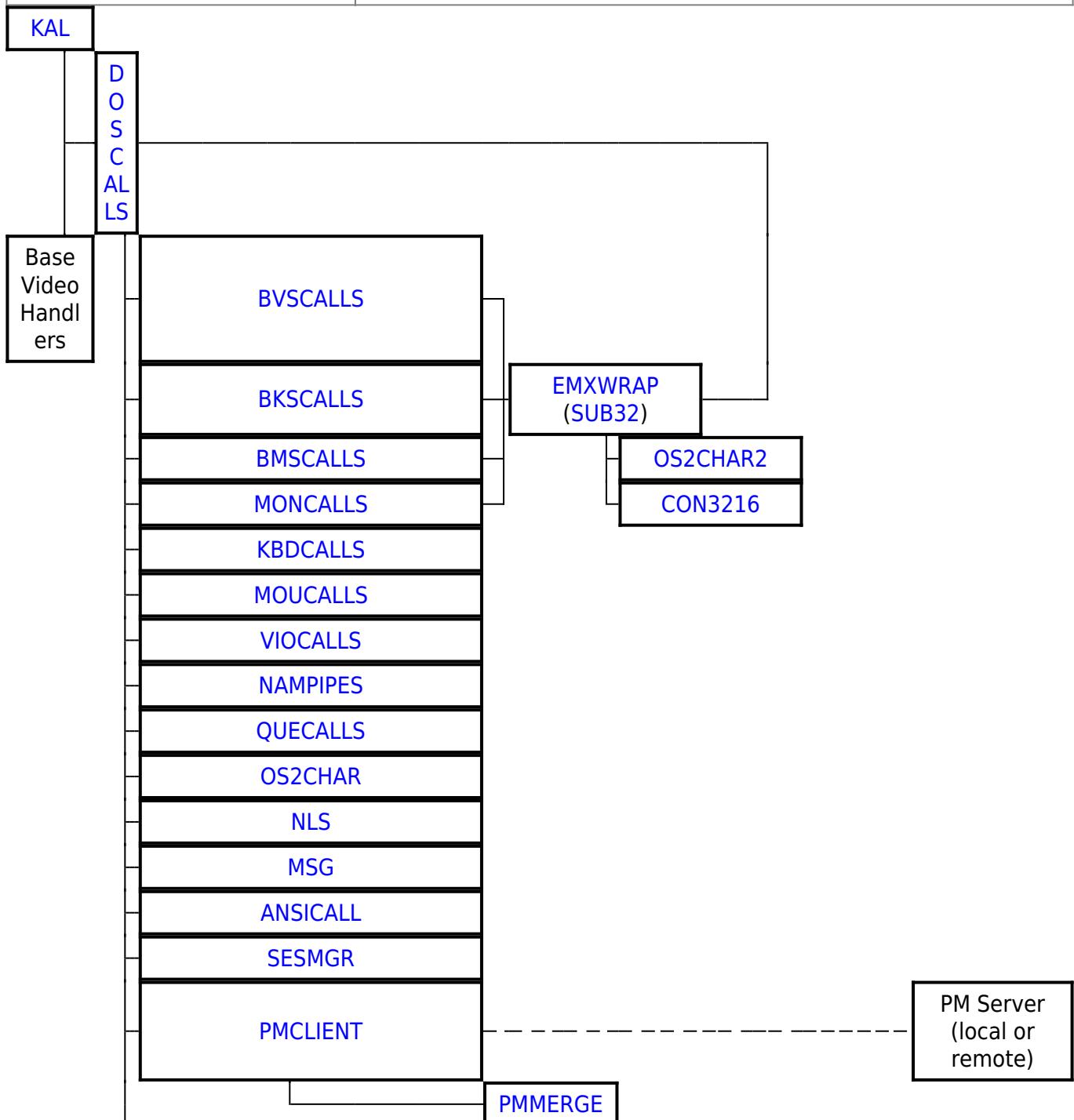
<a href="#">pmpic</a>	Something which handle pictures and metafiles	<a href="#">pmtkt</a>	PM toolkit ???
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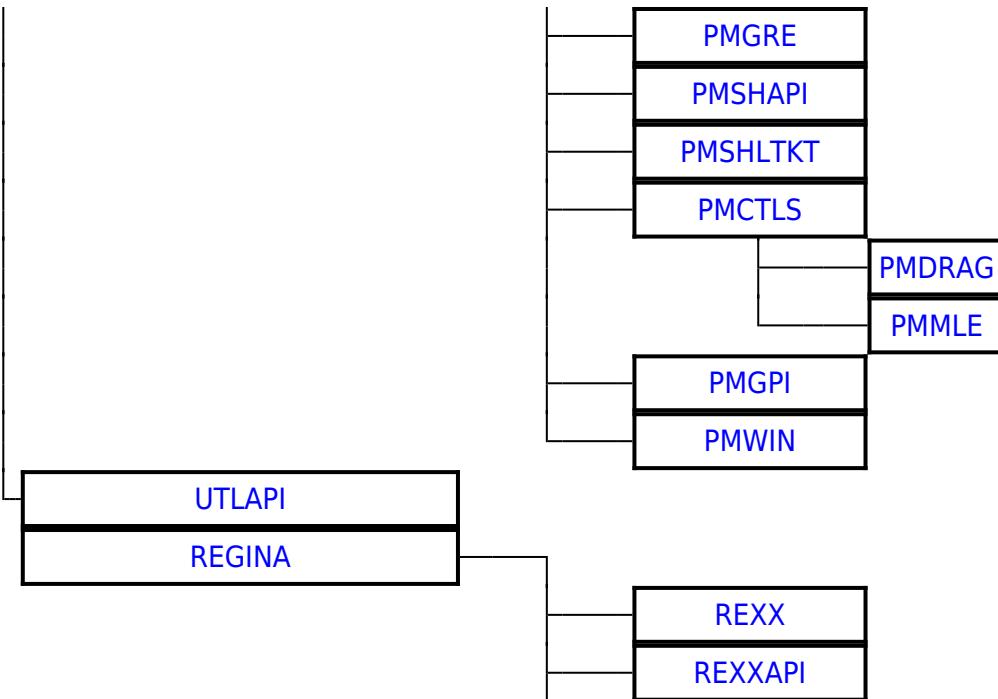
### OS/2 DLLs

Base API	DOSCALLS EMXWRAP SUB32 ANSICALL NLS MSG MONCALLS KBDCALLS MOUCALLS VIOCALLS SESMGR BKSCALLS BMSCALLS BVSCALLS NAMPIPES QUECALLS OS2CHAR
Bidirectional NLS	BDCALLS BDCALLS32 BDIME BDBVH BDVIEW BDWPCLS BIDIPM PMBIDI
Unicode API	UCONV UNIKBD LIBUNI
BVH (Base Video Handlers)	BVHINIT BVHMPA BVHVGA BVHSVGA BVHWNDW
GRADD subsystem	VMAN SOFTDRAW GRE2VMAN GENGRADD

**OS/2 DLLs**

IPF (Information Presentation facility)	HELPMGR HPMGRMRI MINXOBJ IBMHMGR NEWVIEW MINXMRI ERRTXT
REXX	REXX REXXAPI REXXUTIL REGINA
The core PM DLL's	PMMERGE PMMRGRES PMSHAPI PMSHLTKT PMGRE PMGPI PMDRAG PMCTLSS PMMLE PMSPL PMVIOP PMWIN
Open32	PMWINX MIRRORS REGISTRY
Intelligent Font Interface drivers	PMATM TRUETYPE PMUNIF FREETYPE PMPRE
Data Exchange	PMCLIP PMDDE PMDDEML
VDM PM interface	PMVDMH PMVDMP SEAMLESS SHIELD
WPS	PMWP PMWPMRU PMVDDROP
Miscellaneous	PPMIC PMTKT MVDM
SOM API	SOM SOMC





2016/07/25 02:16 · prokushev · [0 Comments](#)

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Last update: **2018/08/09 10:16**

