

## 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. DOSCALLS in modern OS/2 contains implementation of all (or most) Control Program API. Many other DLLs just forwarders to DOSCALLS. We also uses such logic. Only difference is DOSCALLS not lowest library. DOSCALLS also divided onto two libs. DOSCALLS itself, which contains kernel independed parts, and KAL library, which contains kernel depended part. For osFree project KAL just forward all calls to OS/2 Personality server and recieves answer from it with call result. Such approach allow to port CPI to other kernel easely, because kernel-depended part cleary divided into separate layer.

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	Done
<a href="#">moucalls</a>	Mouse API	Done
<a href="#">viocalls</a>	VIO API	Done
<a href="#">sesmgr</a>	Session manager	Done
<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	Done
<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)	
<a href="#">bdwpcls</a>	some WPS class?	

## Base Video Handlers

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

## GRADD subsystem

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

## Information Presentation facility

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

## REXX

Name	Description	Status
<a href="#">rexx</a>	REXX Interpreter	
<a href="#">rexxapi</a>	API for manipulating REXX environment and enable scripting in applications	
<a href="#">rexxutil</a>	REXX utilities library	

## Presentation Manager

### The core PM DLL's

Name	Description	Status
<a href="#">pmmerge</a>	The PM merged library (the PM "kernel")	
<a href="#">pmmrgres</a>	PMMERGE resources	
<a href="#">pmshapi</a>	The PMShell API	Done
<a href="#">pmshlkt</a>	PMShell toolkit ???	
<a href="#">pmgre</a>	PM GRE (Graphics Runtime Environment) API	Done
<a href="#">pmgpi</a>	GPI (Graphical Program Interface) API	
<a href="#">pmdrag</a>	The PM Drag'n'Drop API	Done
<a href="#">pmctls</a>	PM controls	
<a href="#">pmbidi</a>	PM BIDI API	
<a href="#">pmmle</a>	PM MLE (Multiple Line Edit) control	Done
<a href="#">pmspl</a>	PM Print Spooler API	
<a href="#">pmviop</a>	PM VIO Shield	
<a href="#">pmwin</a>	PM Window Manager API	Done
<a href="#">pmwinx</a>	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

Name	Description	Status
<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

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

### VDM PM interface

Name	Description	Status
<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 shield API	

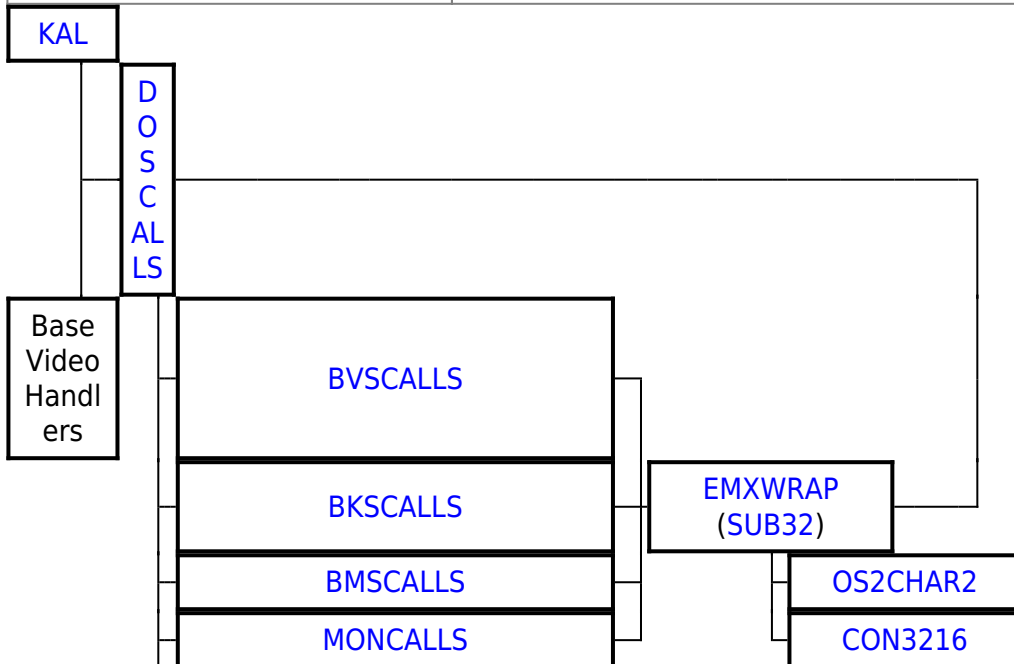
### Miscellaneous

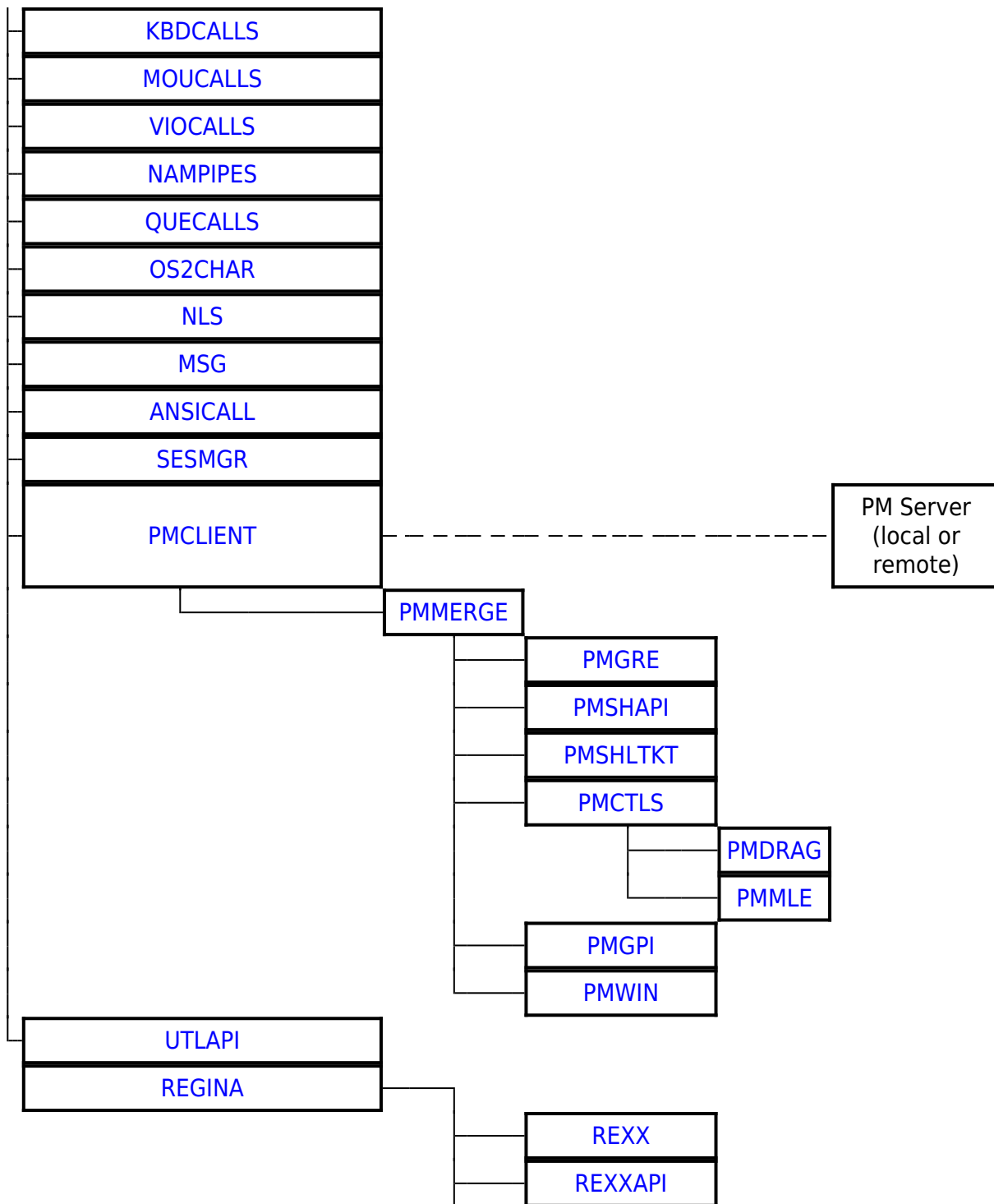
Name	Description	Status
<a href="#">pmpic</a>	Something which handle pictures and metafiles	
<a href="#">pmtkt</a>	PM toolkit ???	

## WPS

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

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 BVHSVGGA BVHWNDW
GRADD subsystem	VMAN SOFTDRAW GRE2VMAN GENGRADD
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 PMCTLS 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	PMPIC PMTKT MVDM
SOM API	SOM SOMC





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