

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>

Base API DLL's

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 |
|--------------------------|--------------------------------|--------|
| doscalls | Most CP API | |
| ansicall | ANSI terminal support | Done |
| nls | NLS support | |
| msg | Message file API | |
| moncalls | Monitor API | |
| kbdcalls | Keyboard API | |
| moucalls | Mouse API | |
| viocalls | VIO API | |
| sesmgr | Session manager | |
| bkscalls | Base Keyboard Subsystem | |
| bmscalls | Base Mouse subsystem | |
| bvscalls | Base Video Subsystem | |
| nampipes | Name Pipes API | |
| quecalls | Queues API | |
| os2char | OS/2 character console context | |

Unicode API

| Name | Description | Status |
|------------------------|-------------|--------|
| uconv | | |
| unikbd | | |
| libuni | | |

BIDirectional support

| Name | Description | Status |
|---------------------------|---|--------|
| bdcalls | 16-bit API | |
| bdcalls32 | 32-bit API | |
| bdime | Bidirectional Input Method Editor | |
| bdbvh | BVH for BIDI | |
| bdview | BDview (Language Viewer) WPS class (in System Setup) | |

| Name | Description | Status |
|-------------------------|-----------------|--------|
| bdwpcls | some WPS class? | |

BVH (Base Video Handlers)

| Name | Description | Status |
|-------------------------|--|--------|
| bvhint | 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

| | | | | | | | |
|----------------------|----------------------|--------------------------|--|--------------------------|------------------------------------|--------------------------|---|
| 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 |
|----------------------|----------------------|--------------------------|--|--------------------------|------------------------------------|--------------------------|---|

IPF (Information Presentation facility)

| | | | | | |
|-------------------------|-----------------------------------|--------------------------|------------------------------|-------------------------|--|
| 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

| | | | | | |
|----------------------|------------------|-------------------------|--|--------------------------|------------------------|
| rexx | rexx interpreter | rexxapi | API for manipulating REXX environment and enable scripting in applications | rexxutil | REXX utilities library |
|----------------------|------------------|-------------------------|--|--------------------------|------------------------|

PM DLL's

The core PM DLL's

| | | | | | | | |
|-------------------------|---|--------------------------|---------------------------------------|--------------------------|------------------------|-------------------------|---------------------|
| pmmerge | The PM merged library (the PM "kernel") | pmmrgres | PMMERGE resources | pmshapi | The PMSHELL API | pmshtkt | PMSHELL toolkit ??? |
| pmgre | PM GRE (Graphics Runtime Environment) API | pmgpi | GPI (Graphical Program Interface) API | pmdrag | The PM Drag'n'Drop API | 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) | mirrors | Something also related to Open32 | registry | Registry support | | |

The IFI (Intelligent Font Interface) drivers

| | | | | | | | |
|-----------------------|-------------------------|--------------------------|---------------------------|------------------------|--------------------------|--------------------------|---|
| pmatm | A PM Adobe Type Manager | truetype | A PM Truetype Font Driver | pmunif | A PM UNI Font IFI driver | freetype | A Free OpenSource Truetype driver replacement |
| pmpre | PMPRE ??? | | | | | | |

Data Exchange

| | | | | | |
|------------------------|--------------|-----------------------|--------------------------------------|-------------------------|-----|
| pmclip | PM clipboard | pmdde | A windows-like Dynamic Data Exchange | pmddeml | ??? |
|------------------------|--------------|-----------------------|--------------------------------------|-------------------------|-----|

VDM PM interface

| | | | | | | | |
|------------------------|---------------|------------------------|---|--------------------------|---------------------------------------|------------------------|-----------------|
| pmvdmh | PM VDM helper | pmvdmp | PM DOS window DLL (works closely with pmviop) | seamless | Seamless Win-OS/2 support (PM shield) | shield | Some shield API |
|------------------------|---------------|------------------------|---|--------------------------|---------------------------------------|------------------------|-----------------|

WPS

| | | | | | |
|----------------------|-----------------|-------------------------|---------------|--------------------------|---------------------------------------|
| pmwp | WPS main module | pmwpmri | WPS resources | pmvddrop | PMVDDrop Class library (WPS class???) |
|----------------------|-----------------|-------------------------|---------------|--------------------------|---------------------------------------|

Miscellaneous

| | | | |
|-----------------------|---|-----------------------|----------------|
| pmpic | Something which handle pictures and metafiles | pmtkt | PM toolkit ??? |
|-----------------------|---|-----------------------|----------------|

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