



V5R3M1 APRM Now Available!

The popular Automatic Partition Resource Manager – APRM – is even better. The latest version, V5R3M1 was released on April 15, 2005. The primary focus of this release was to support IBM's new operating system version V5R3M0 (now called i5OS) and the recently announced i5 hardware.

This version of APRM will support OS/400 releases from V4R5M0 through i5OS V5R3M0 and will support all of the hardware these releases support.

APRM features now include:

- ◆ Support for the new i5 hardware which controls LPAR operations via an attached Hardware Maintenance Console (HMC).
- ◆ Support for Linux partitions – both on iSeries and on i5 hardware. These can report their performance statistics and be controlled for hardware resource allocation to the extent that the version of Linux and IBM's hypervisor supports. A Linux partition cannot, however, control other partitions.
- ◆ On i5 hardware, any i5/OS partition can control LPAR and, therefore, APRM provides a user-defined list to specify which partition should take control. This is similar in concept to the "order of succession" used to determine which governmental official is "in charge" when some others may be unable to act.
- ◆ On i5 hardware, all of APRM's functions are available in all i5/OS partitions. Configuration changes made on any i5/OS partition are automatically replicated to other i5/OS partitions.
- ◆ On i5 hardware, the command-line interface of an HMC controlling the i5 system is made available to a suitably-authorized user command or program.
- ◆ All of the former features are, of course, still supported on iSeries hardware and, with one exception, on i5 hardware as well. The exception for i5 hardware is that the HMC does not provide hardware information to the same level of detail as did the iSeries LPAR interface. Because of this, there have been changes to the rules for switching ownership of I/O hardware such as tape and optical drives.