

USING PASE

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WHAT IS PASE?

- **Not a virtualization of AIX**
- **Not an emulated environment**
- **Integrated runtime for running *nix applications**
- **Feels like a very stripped-down version of AIX**



CAN I RUN AIX BINARIES ON PASE?

**Yes, with caveats
(see table).**

**Rows are the version of
AIX a binary was
compiled on;
columns are the
versions of PASE
(same as the OS/400
version) on which
those binaries will
run.**

	V5R3	V5R4	6.1	7.1	7.2
4.2 (32-bit)	Yes	Unknown	No	No	No
4.3 (32-bit)	Yes	Yes	Yes	No	No
4.3 (64-bit)	No	No	No	No	No
5.1 (32/64)	Yes	Yes	Yes	Yes	Yes
5.2 (32/64)	Yes	Yes	Yes	Yes	Yes
5.3 (32/64)	No	Yes	Yes	Yes	Yes
6.1 (32/64)	No	No	No	Yes	Yes
7.1 (32/64)	No	No	No	No	Yes

BEST PRACTICES

Don't compile yourself what someone's compiled for you! There are lots of AIX binary repositories, such as:

<https://>

www-304.ibm.com/partnerworld/wps/servlet/ContentHandler/pw_com_porting_ibmi_pase

<http://www.bullfreeware.com/toolbox.php>

<http://www.perzl.org/aix/>

If you're compiling yourself:

Compile on a compatible AIX environment. (if you don't have one yourself, IBM's Virtual Loaner/PDP program is very helpful, here)

Alternately, transcompile from another OS, such as Linux (not for the faint of heart).



DEMONSTRATION/QUESTIONS



RESOURCES

More about PASE:

<http://wiki.midrange.com/index.php/PASE>

Sample code:

<https://github.com/hewhocutsdown/quser-pase-example>

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