

Enhancing HP-UX 11.00

ACE and Core O.S. Options
(1999/11 Update)

By Mike McCarthy

Hewlett-Packard Company
Technical Computing Division
(Fort Collins, CO)

What is ACE 1999/11?

- Latest enhancements for HP-UX 11.00
- Based on Extension Pack 1999/05
- Add support for new hardware
- Add 3-D graphics, etc. to this O.S. stream
- Ship Release in January 2000

New Hardware Support

- B1000, B2000
- C3000, C3600
- J5000, J5600, J7000
(64-bit O.S. only)
- Visualize-FXe
- Some s800 enhancements

What is an ACE release?

- ACE concept first introduced on HP-UX 10.20 stream (in June 1997)
- Limited set of enhancements to base O.S.
- New features enabled in a patch bundle
- Software quality standards (for release) similar to base O.S. release
- Obviously, a new name

ACE 1999/11 Kitting

- Two “Install Kits” , for HP-UX 11.00 only (similar to HP-UX 10.20)
- Workstation kit for Technical Computing environments
- Server kit for Commercial Computing environments

Server Install Kit

- CD #1 - Install & Core O.S.
 - single depot containing
 - 1) HP-UX 11.00 core
 - 2) ACE 1999/11 patch bundle

Workstation Install Kit

- CD #1 - Install & Core O.S.
 - single depot containing
 - 1) HP-UX 11.00 core
 - 2) ACE 1999/11 patch bundle
- CD #2 - Core O.S. Options
 - single depot containing
 - 1) Graphics & Technical Computing Software bundle (B6268AA)

Technical Server Environments

- Use Workstation Install Kit (B3782FA) to load Technical Computing options to core O.S.
- Limited support for graphics hardware accelerators on server platforms
- Typical scenario is client/server with computation on server and display on workstation or “X terminal”

Graphics & Technical Computing Software

- Primarily support for 3-D graphics APIs (run-time and developer kit packages)
- Free of charge (no codewords)
- Optional - not required to run O.S.
- TCD can update Technical Computing software independent of core O.S.

SD Packaging for G&TC

- Single bundle of products
- Components
 - Starbase run-time, developer kit
 - HP-PHIGS run-time, developer kit
 - HP PEXlib run-time, developer kit
 - OpenGL run-time, developer kit
 - Stroke fonts for Asian languages
 - DDA (frame buffer access API)
 - Video Out run-time

Installing Core O.S. Options

- First, install or update with Core O.S. (CD #1) from ACE 1999/11 release
- After reboot, use “swinstall” to load Core O.S. Options (CD #2)
 - must explicitly select software to install (no support for “Match Target” except for update scenario)