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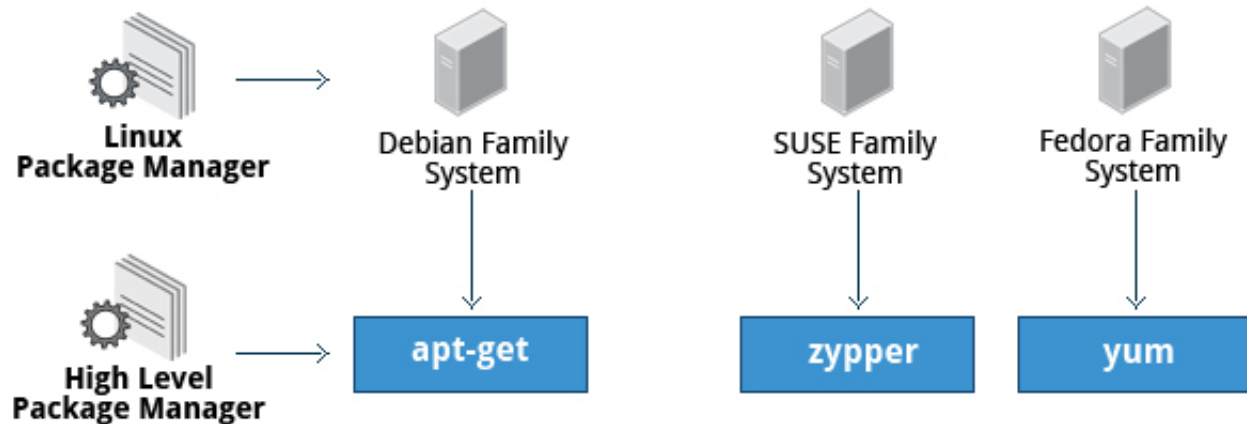
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Working With Different Package Management Systems

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The



Advanced Packaging Tool (apt) is the underlying package management system that manages software on Debian-based systems. While it forms the backend for graphical package managers, such as the **Ubuntu Software Center** and **synaptic**, its native user interface is at the command line, with programs that include **apt-get** and **apt-cache**.

the Graphical Interface

► Chapter 06: Common Applications

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Introduction/ Learning Objectives

Section 1: Command Line Mode Options

Section 2: Basic Operations

Section 3: Working with Files

Section 4: Searching for Files

Section 5: Installing Software

Summary

Yellowdog Updater Modified (yum) is an open source command-line package-management utility for RPM-compatible Linux systems, basically what we have called the **Fedora** family. **yum** has both command line and graphical user interfaces. Recent **Fedora** versions have replaced **yum** with a new utility called **dnf**, which has less historical baggage, has nice new capabilities and is mostly backwards compatible with **yum** for day-to-day commands.

zypper is a package management system for **openSUSE** that is based on RPM. **zypper** also allows you to manage repositories from the command line. **zypper** is fairly straightforward to use and resembles **yum** quite closely.

To learn the basic packaging commands, click the link below:
[Basic Packaging Commands](#)

Note: The next few screens cover the demonstrations of a member of each of the three Linux distribution families we cover in this course. You can view a demonstration for the distribution type of your choice.

- ▶ Chapter 08: Finding Linux Documentation
- ▶ Chapter 09: Processes
- ▶ Chapter 10: File Operations
- ▶ Chapter 11: Text Editors
- ▶ Chapter 12: User Environment
- ▶ Chapter 13 : Manipulating Text
- ▶ Chapter 14: Network Operations
- ▶ Chapter 15 : Bash Shell Scripting I

- ▶ Chapter 16: Bash Shell Scripting II
- ▶ Chapter 17: Printing
- ▶ Chapter 18: Local Security Principles
- ▶ Final Exam

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