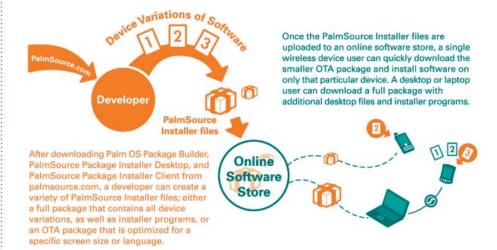# PalmSource® Installer

palmsource™

PalmSource Installer is designed to streamline the online and over-the-air (OTA) download and install process of Palm OS® applications onto Palm Powered™ smartphones and other wireless devices.

Overview

PalmSource Installer simplifies the downloading and installing of Palm OS compatible applications over-the-air (OTA) or via a HotSync® connection to the PC. PalmSource Installer automatically detects what environment users have on their Palm Powered device so users no longer need to know their screen resolution, Palm OS version, or how to decompress a file when downloading applications. PalmSource Installer is backwards-compatible with Palm OS 4 version and later.

PalmSource Installer consists of external resources, XML files and desktop conduits organized as shown here:

How the PalmSource Installer Works

Once the PalmSource Installer files are uploaded to an online software store, a single wireless device user can quickly download the smaller OTA package and install software on only that particular device. A desktop or laptop user can download a full package with additional desktop files and installer programs.

After downloading Palm OS Package Builder, PalmSource Package Installer Desktop, and PalmSource Package Installer Client from palmsource.com, a developer can create a variety of PalmSource Installer files; either a full package that contains all device variations, as well as installer programs, or an OTA package that is optimized for a specific screen size or language.

PalmSource Installer components include:

• **Palm OS Package Builder**—A developer utility for packaging application files into a single, compressed PalmSource Installer file. This facilitates the downloading and installation of the application and support files. Using the provided XML schema and starter file, developers create a definition file that specifies which files go into the package (including desktop components). Additional OTA files are created for each language and screen combination for direct downloading to specific device environments.

• **PalmSource Package Installer Client** — A small utility for use on the Palm Powered™ device that receives packages and decompresses the included files and installs them appropriately. The user interface shows progress and completion information, or reports errors. The client detects the screen size and preferred language of the device, and installs the proper version of the application. For portions of an application that are so large (such as a user manual) that OTA would consume excess wireless minutes, the user has the option of downloading the large portions to their desktop during the next HotSync® operation.

• **PalmSource Package Installer Desktop** — A PalmSource Desktop user application (utility) and conduit for the efficient installation of software application packages and files on the user's device. The package is automatically decompressed, then the files are staged to be installed appropriately. During a download via OTA, files in the package that have desktop components are detected and installed. The user is prompted with a URL if additional desktop components need to be downloaded.

Product Summary

• Reliable download and installation of application bundles or packages including multiple files and card-aware components.
• Files are compressed to optimize efficient downloading.
• Packages can be installed using the existing device or desktop's Web browser.
• Can install both on-device and desktop files (such as conduits and desktop components).
• Can auto-detect PalmSource Package Installer version and download updates as needed.
• Simple scripting facility for a device to request that additional files be downloaded from the Internet to the user's desktop at synchronization time.
• Applications can be installed to RAM or memory cards, and can be backed up.
• Fits within the Palm Powered device and desktop frameworks.
• Supports the update of existing Palm OS® applications compatible applications.
• Significant simplification of the overall process, resulting in optimized usability.

Product Details

Palm OS Support

• Palm OS version 4.0 and above; HotSync Manager version 4.0 and above.

Localization

• English

Documentation

• ReadMe file for the developer
• Tutorial for the developer
• Simple Help file on the device for the user

Support

• Covered under the PDK license

Maintenance

• Covered under the PDK license

POWERED