



# Exploring Package Builds – Definitions and Directories

By Bill Loban

**Editor's Note:** So, you're building a package—what does that mean? Sure, you might know the steps to doing this task—the how and where, but do you know the “what and why” to what you're doing? Bill Loban takes us for a behind the scenes look at what goes into defining a package and what's created in those directories during the build.

I have been working with the JD Edwards application for 10 years and, in that time, I have seen quite a few changes to the package build process, most of which are good. There are two types of packages that are built and deployed in the JD Edwards® application:

- An **update** package which is used to deploy changes made by developers or to deploy changes made by Oracle to fix a problem.
- A **full** package which can be thought of as a point in time snapshot of your objects.

This document is not a step by step process of building a package, but instead, a best practice for defining packages and a behind the scenes look at the directories created during a package build.

## Package Definition

The process of creating a package in the JD application begins with the creation of a package definition.

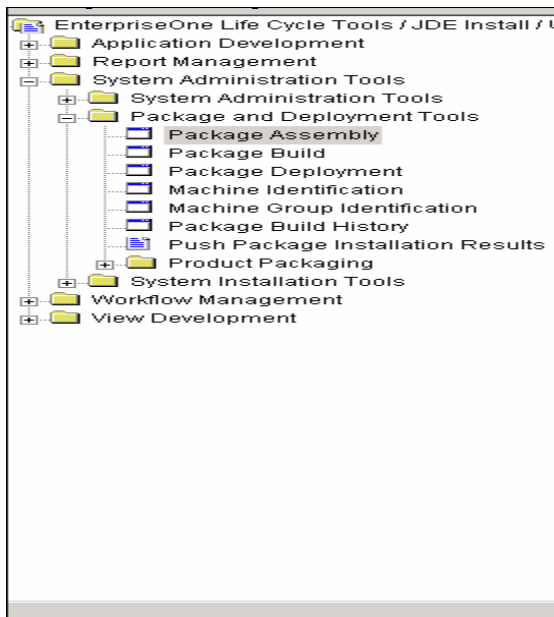


Figure 1 – Menu to Package Assembly



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### Name

When you begin the package build assembly, a form is displayed for entering the name of the package. For update packages, I recommend a name in which you can tell immediately what the package is for, such as UPY0624A. Table 1 explains how this name is broken down:

Letter/Number	Description
U	Represents that this is an update package.
PY	The path code the package is being assembled for.
0624	The current date.
A	Added to the end in case multiple update packages are built during the day.

Table 1 – Breakdown of Package Name

### Express Option

Save yourself some time and make sure the Express radio button is selected. This prevents the need to go through each screen. **Note:** This is the default with 8.12

Figure 2 – Express Option

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