



Deploying WebSpeed applications to a Progress Application Server for OpenEdge instance

Suppose we have installed a production version of Progress Application Server for OpenEdge and created a Progress Application Server for OpenEdge instance called `pasoe1`. Now we want to deploy both a classic WebSpeed application and a new WebHandler WebSpeed application to `pasoe1`. Assume that we configured the `pasoe1` instance to connect to the `sports2000` database. In a production instance, all application transports are disabled by default for security reasons. Before we deploy the WebSpeed applications to `pasoe1`, we have to enable the WEB transport in `pasoe1`.

Application transports are defined in an instance's `openedge.properties` file in the instance's `conf` directory. As you can see, the WEB transport is disabled. First, let's enable the WEB transport. In `PROENV`, we type the `OEPROP` command to enable the WEB transport and then press `ENTER`.

We're now ready to deploy our applications. First, we will deploy a classic WebSpeed application to `pasoe1`. Deploying a classic WebSpeed application to a Progress Application Server for OpenEdge instance is a four-step process that involves:

- Moving the application's static files to the instance's `webspeed` folder
- Moving the application's r-code files to the instance's `PROPATH`
- Ensuring that the instance is compatible with a classic WebSpeed application, and
- Finally, restarting the instance

In this example, the WebSpeed application that we want to deploy does not use any static files. We'll perform the remaining three steps next.

First, we copy the application r-code to the instance's `PROPATH`.

Then, we set the instance's `defaultHandler` property in the `openedge.properties` file to `OpenEdge.Web.CompatibilityHandler`.

Next, we start the instance.

Now, we will deploy a new WebHandler WebSpeed application to the same instance. Deploying a new WebHandler WebSpeed application involves:

- Placing the application r-code into the instance's `PROPATH`
- Adding application handlers

First, we copy the application r-code to the instance's `PROPATH`.

Next, we have to add handlers to the `openedge.properties` file. A handler defines a URL that maps to a specific class that you deploy as part of your application. Each class can have more than one handler. Your application developer should give you a list of handlers to add to the `openedge.properties` file in a specific sequence. The sequence is important, so ensure that you add the handlers in the order provided. In this case, there is only one handler. We run the `OEPROP` command to add the handler to the `openedge.properties` file.

Now, we restart our instance, `pasoe1`, so that the deployment takes effect.

Next, we will test our deployment. First, we test the classic WebSpeed application. When the classic application is invoked, it fetches customer details from the connected `sports2000` database. Here, we invoke the application using a web browser. As you can see, the details are returned.

Next, we test the new WebSpeed WebHandler application. Here, we use a web browser to retrieve details



of customer 1. Details for customer 1 are returned.

You have now seen how to deploy WebSpeed applications to a Progress Application Server for OpenEdge production instance. To learn more about Progress Application Server for OpenEdge administration, take the *Progress Application Server for OpenEdge Administration* course.