Running the Local Web in Any Environment

By Eric Frye

Editor's Note: Do JDE developers listen to *NSYNC in their ear buds while working? Does that help them keep all their development and test environments in sync? With or without the ear buds, this article can help sort out how to make this work. Step by step instructions, screen shots, and code help you through this tip for simplifying switching your local web to match the environment you will be signing into.

Running the local web is an invaluable tool in E1 development and troubleshooting. It allows developers to run HTML code based on the local environment specs of the JDE developer's workstation, rather than on the server. This is a required function for unit testing enhancements and bug fixes in the DV910 environment

I'm going to be discussing a little trick that we use to simplify switching the local web to match the environment that we will be signing into. It involves creating master copies of the jas.ini and jdbj.ini for each environment, and running a batch file to copy them to your JDE development workstation as needed.

Here are the two most common reasons that these can get out of sync:

1. Let's say, for instance, a new PY full package has been deployed to your JDE development workstation. Once the PY full package has been installed on the client, the jdbj.ini and jas.ini files will point to PY910 datasources. If you then sign into DV910 to run the DV local web (figures 1-2), you will get a prompt to select either PY910 or JPY910 (figure 3). If you continue beyond this point and proceed to run the local web, your web environment will be pointing to PY datasources when technically you're signed into DV. This will inevitably cause problems testing locally.
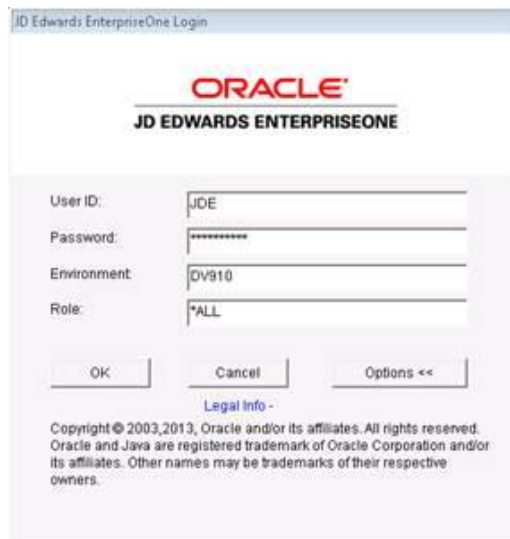

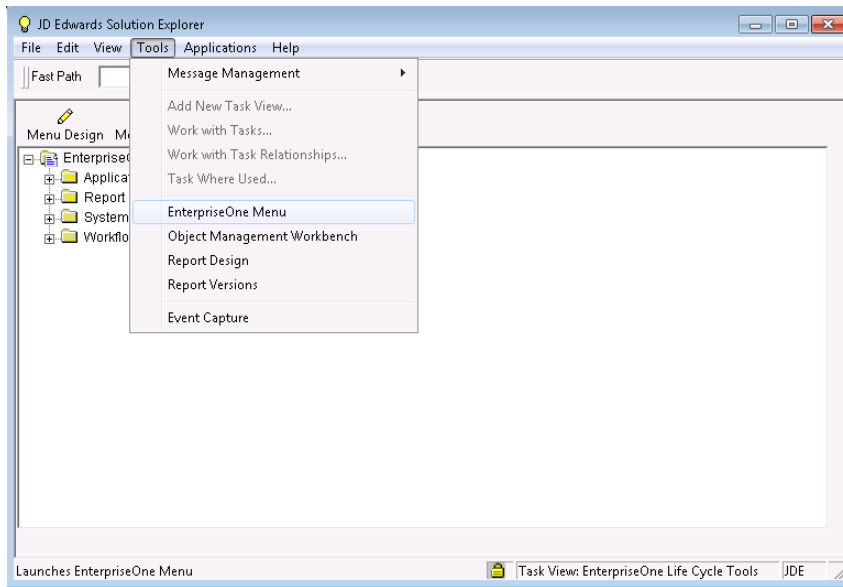Figure 1: Login screen for the DV910 fat client

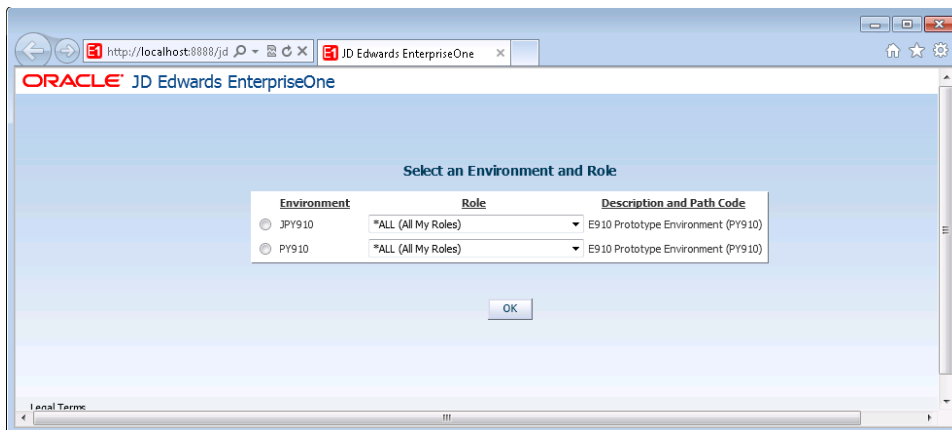Figure 2: From the Tools menu, select EnterpriseOne Menu to run local web

Figure 3: Prompted to select JPY910/PY910 even though user has signed into DV910

2. You may also be in a situation where you need to run the local web in an environment other than DV910. Perhaps there's an error on a form in production that cannot be recreated in another environment. One of the first steps in troubleshooting would be to see if the problem can be recreated in another JPD910 instance. If you are able to recreate the problem on the PD910 local web, then your problem isn't isolated to the web server. Signing into PD910 on the local web will also allow developers and CNC to step thru the code with the debugging tool if necessary.

Fortunately, there is an easy script that developers and CNC can use to run the local web in any environment installed on the JDE development workstation. It can be run after installing a full client package, or at any time you want to run the local web for any environment in your company's JDE install. The setup is simple:

1. Create master copies of the jas.ini and jdbj.ini
2. Create a WebDev\ini folder to store off master copies of jas.ini/jdbj.ini for each environment.

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