

Manage Users with a Component Interface

Sometimes, you might need to work on a PeopleSoft instance that doesn't have a PIA. While you can still do a lot of things, one thing that is quite hard to do is managing users - create new users and modifying existing ones using the database alone.

Fortunately, there's a workaround. If you have two-tier application designer access (i.e., database access), you can use the component interface tester and a few component interfaces to manager users.

Clone a User

If you want to create a new user, the easiest way is to clone an existing one. The component, `USER_SAVEAS` provides this functionality. There probably won't be a component interface for this so create a new component interface in application designer based on the `USER_SAVEAS` component, and accept the default properties. You'll need to save the component interface (e.g. `USER_SAVEAS_CI`) before you can work with it.

Now, click on the right hand side of the screen (CI side), and choose:

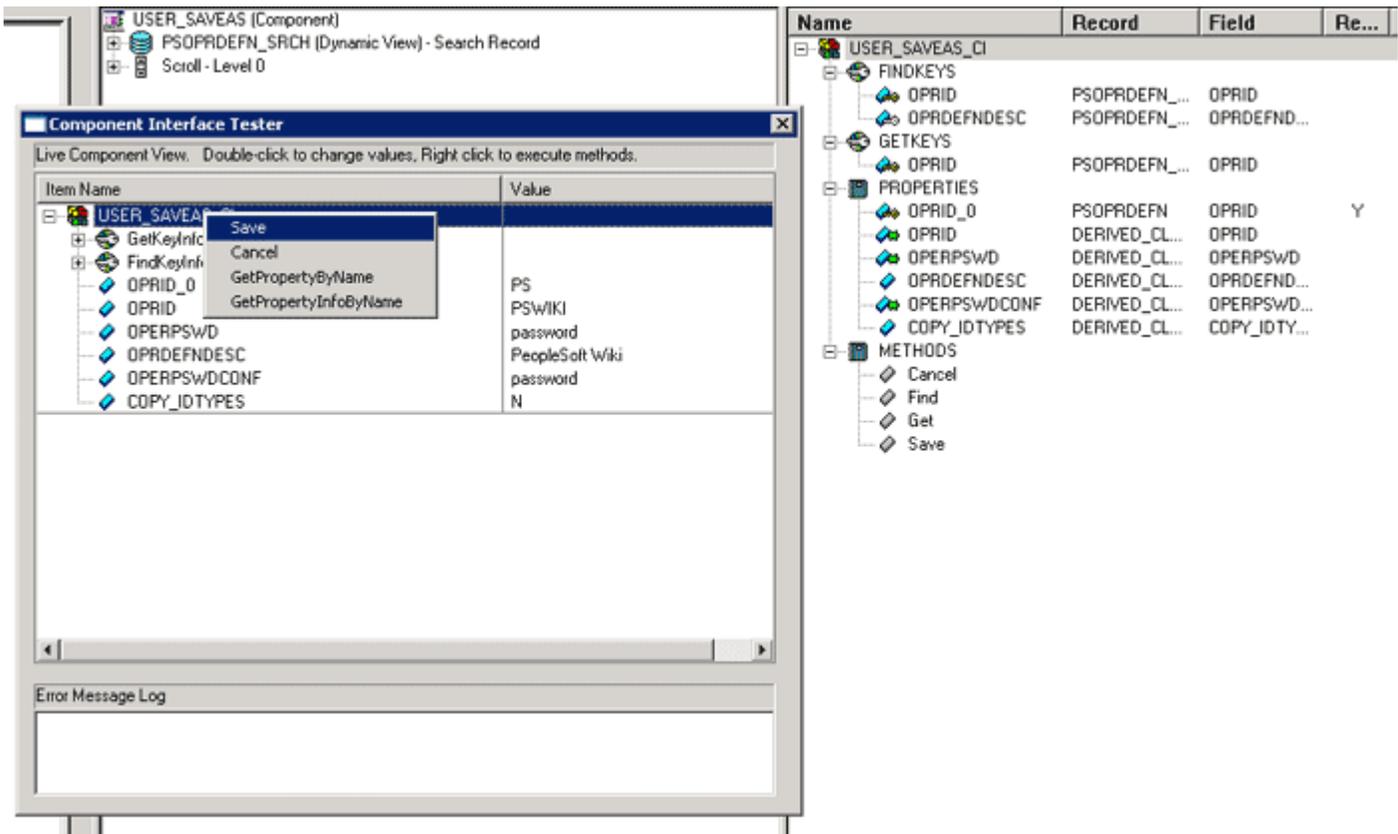
Tools > Test Component Interface.

Once the tester has loaded, simply select the `OPRID` of an existing user, like `VP1` or `PS` and click on Get Existing.

Change the following properties:

- `OPRID` to your new username
- `OPERPSWD` to an appropriate password
- `OPRDEFNDESC` to an appropriate description for your user (e.g. their name)
- `OPERPSWDCONF` to the password you set (confirm password)
- `COPY_IDTYPES` to N (don't copy the ID information from the user like their Employee ID).

Right click on the top of the CI tree (`USER_SAVEAS_CI`) and choose the Save method as shown:



If it all works, you will get a `Save()` results return value of `1`. Go check `PSOPRDEFN` to confirm, and of course try logging in as your new user. Slightly easier than trying to figure out all the relevant PeopleTools tables and writing a script hey?

Modifying an Existing User

To modify an existing user, you can use the delivered component interface, `USER_PROFILE` which is based off the component `USERMAINT` - the component you use to edit a user normally.

Again, open the component interface and choose:

Tools > Test Component Interface.

You'll need to specify the UserID (`OPRID`) and press Get Existing. There are many things you could do from here:

- Change the `PrimaryPermissionList`
- Change the `RowSecurityPermissionList`
- Expand out `EmailAddresses` and modify the email address
- Expand out `Roles` and add another role
- Change the User's Password

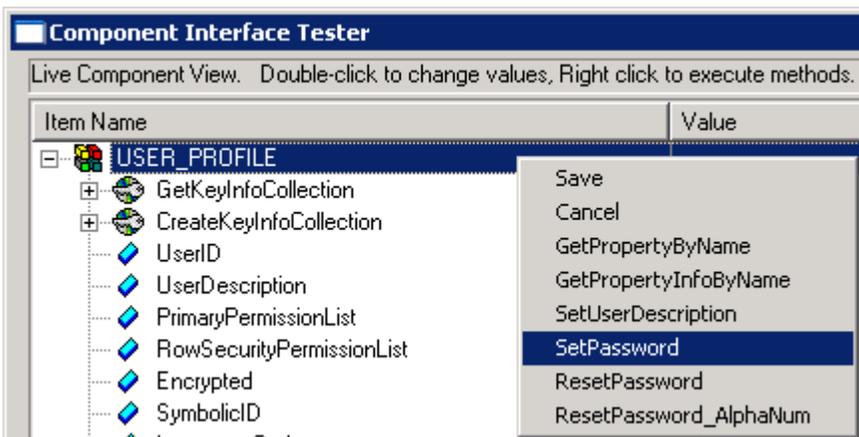
If you are adding a value to a collection, like `Roles`, right click on the collection and choose

InsertItem. Use an index [Number] of the last index. For example, if your user has 6 roles, then the last entry will be Roles [6]. So use an index of [6]. Note you'll need to do this twice for some strange reason. If you use an invalid index, the following message will appear:

```
001: Invoke - [InsertItem]. (Errors Pending) Invalid item number.
{USER_PROFILE.Roles.InsertItem} (91,54)
```

You'll know it has worked if you see another entry in Roles (and not the error above). Continuing with the example of 6 roles, there should now be a Roles [7] entry you can expand on and where you can specify the role name (e.g. PeopleSoft Administrator). Then go back to the top of the tree, right click on USER_PROFILE and press Save.

You might be wondering how to change the password? Well, right click on the top, USER_PROFILE CI and click on the SetPassword method. Then specify your new password.



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