

## Search ALL user types in Advanced User Search

To address the enhancement requirement, a new row labeled "All types" (in English) has been added at the first position/index into the table on Select User Type page. Based on the client browser language setting and installed language pack, label will get translated into other languages also.

If a user selects "All types" as a User Type on Advanced User Search, ITIM will fire a search across all the Person and BPPerson profiles available in ITIM and the search result will contain entities from all the Person and BPPerson types satisfying the search criteria. The results will be filtered based on the ACI's defined.

This new option would appear on all ITIM 5.1 admin console screens from where Advanced User Search can be performed. For example Change Passwords->Advanced User Search. However this new option will not be shown on Manage User->Create->Select User type page as one can create a person belonging to a specific single user type.

### **Specifying "All Types" as the default type:**

Customers can configure ITIM to select "All types" as a default type by adding/modifying the property **enrole.personProfile** in <ITIM\_HOME>/data/enRole.properties and specifying the value of "ALL" (case insensitive).

Example: enrole.personProfile=ALL

To know more about enrole.personProfile property, please refer to the "Person profile properties" section in ITIM 5.1 infocenter.

[http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/topic/com.ibm.itim.doc/ref/ref\\_ic\\_enroleprops\\_personprofile.html](http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/topic/com.ibm.itim.doc/ref/ref_ic_enroleprops_personprofile.html)

### **Specifying a default search field to be displayed when "All Types" is selected:**

To allow users to specify default search field on Advanced User Search page when "All types" is selected as "User Type", two new properties "ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names" and "ui.advancedUserSearch.AllTypes.defaultSearchAttribute.labels" are introduced in <ITIM\_HOME>/data/ui.properties. These properties allow to specify the default search attributes and its label to be displayed on Advanced User Search page when "All types" is selected as "User Type". If "ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names" property is removed or if no value is specified then ITIM will not display any default search attribute field when "All types" is selected.

Please note that for each attribute specified in the below property, ITIM 5.1 will load a text widget (without any constraints except maximum input text length allowed is 240) on an Advanced User Search page.

#### **Allowed Values:**

ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names:

A comma separated attribute names to be displayed as default search attributes.

ui.advancedUserSearch.AllTypes.defaultSearchAttribute.labels:

A comma separated labels for the corresponding attribute names specified in the "ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names" property. If any label starts with a \$, then ITIM will treat the remaining value as the key and look up for the label in CustomLabels\_<locale>.properties file. If label is missing for any attribute, ITIM will look up for a label in CustomLabels\_<locale>.properties file using the attribute name.

#### **Default Values:**

Following are the default values for these properties.

ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names=cn

ui.advancedUserSearch.AllTypes.defaultSearchAttribute.labels=\$cn

So when "All types" is selected on the advanced user search page, by default, ITIM will display cn as the default search field. It will be a text box widget with the label "Full Name" (the label specified for cn in CustomLabels.properties file).

#### **Example 1:**

If the following values are specified for the properties then, when "All types" is selected on the advanced user search page, ITIM will display both cn and sn as the default search field. It will display two text box widgets, one for cn with the label "Full Name" (the label specified for cn in CustomLabels\_<locale>.properties file) and the other

for sn with the label "sn". ITIM will display sn as the label and will not look up CustomLabels\_<locale>.properties file because in this case it does not start with \$.

```
ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names=cn,sn  
ui.advancedUserSearch.AllTypes.defaultSearchAttribute.labels=$cn,sn
```

### **Example 2:**

If the following values are specified for the properties then, when "All types" is selected on the advanced user search page, ITIM will display cn as the default search field. It will be a text box widget with the label "Full Name". As in this case corresponding label key is missing, ITIM will look up CustomLabels\_<locale>.properties file using the attribute name "cn" to determine the label to be displayed.

```
ui.advancedUserSearch.AllTypes.defaultSearchAttribute.names=cn  
ui.advancedUserSearch.AllTypes.defaultSearchAttribute.labels=
```