

# EntityPreferences

Copyright 2004 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

```
Entity  
(  
    entityid
```

-----  
Portlet Preference Lookup Algorithm  
-----

(a) Look for authenticated principal's PortletPreference for the given  
entity

```
if Found  
    Return PortletPreference  
End if
```

(b) Look for PortletPreference for this entity window, not associated to a  
principal

```
if Found  
    Return PortletPreference  
End
```

(c) Look for default PortletPreference for the portlet

```
if Found  
    Return default PortletPreference  
End
```

```
Return Not Found
```

-----  
Model  
-----

Page 1 has

Portlet-1, entity id = 51  
Portlet-2, entity id = 52  
Portlet-3, entity id = 53  
Portlet-1, entity id = 54

Username = David

RELATIONSHIPS

- (a) Stored in PREF\_NODE table with NODE\_NAME =  
for entity 51: /user/David/portletprefs/51  
52: /user/David/portletprefs/52  
53: /user/David/portletprefs/53  
54: /user/David/portletprefs/54
- (b) Considering window 51, the pref doesn't exist for user David,  
Stored in PREF\_NODE table with NODE\_NAME =  
for entity 51: /System/Jetspeed/entities/51
- (c) fallback to Portlet Registry

-----  
Associations  
-----

TABLE ENTITY\_WINDOW\_ASSOC

(  
    ENTITY\_ID INTEGER REFERENCES ENTITY,  
    WINDOW\_ID INTEGER REFERENCES FRAGMENT  
)

TABLE ENTITY\_PREF\_ASSOC

(  
    ENTITY\_ID INTEGER REFERENCES ENTITY,  
    PREFS\_NODE INTEGER REFERENCES PREFS\_NODE  
)