

Multibrand Portal Configuration

 OXAppSuite 7.8+

What are we trying to solve?

This document will demonstrate a configuration that shows how the portal configuration can differ by brand using a single OX installation.

We'll be configuring the portal for two fictional brands ("acme" and "weyland_yutani"). Using the "eager" widget configuration, both brands will preconfigure a portal for their users.

Note that all the other styles of widget declarations (as documented here: https://oxpedia.org/wiki/index.php?title=AppSuite:Configuring_portal_plugins) will work in the same way as the "eager" widgets.

Acme

Acme will preconfigure:

- * Inbox
- * My Latest Files
- * User Data

Weyland Yutani

Weyland-Yutani will preconfigure:

- * Inbox
- * Birthdays
- * Appointments

High level solution description

The secret ingredient for this configuration is the UI property **io.ox/portal/widgetSet**, which acts as an additional namespace in the regular widget configuration

(see: https://oxpedia.org/wiki/index.php?title=AppSuite:Configuring_portal_plugins). In essence we have to do three things:

- 1 Define a global value for the widgetSet property
- 2 Override this in contextSets for acme and weyland_yutani
- 3 Write portal.yml style widget definitions in these namespaces

Creating the contexts and users

First, let's create a context and user with the associated taxonomy for both brands:

```
/opt/open-xchange/sbin/createcontext -A ... -P ... -u oxadmin -d "Context Admin" -g Admin -s User -p secret -e oxadmin@e1 -q 1 -N e1 --access-combination-name=all -c 11 --taxonomy/types=acme
```

```
/opt/open-xchange/sbin/createcontext -A ... -P ... -u oxadmin -d "Context Admin" -g Admin -s User -p secret -e oxadmin@e2 -q 1 -N e2 --access-combination-name=all -c 12 --taxonomy/types=weyland_yutani
```

and one user in each:

```
/opt/open-xchange/sbin/createuser -A oxadmin -P secret -c 11 -u user -d "User" -g User -s Test -p secret -e user@e1 --access-combination-name=all
```

```
/opt/open-xchange/sbin/createuser -A oxadmin -P secret -c 12 -u user -d "User" -g User -s Test -p secret -e user@e2 --access-combination-name=all
```

This creates a context "e1" with context id 11 in the brand "acme" and a context "e2" with context id 12 in the brand "weyland_yutani". We'll have the creatively names user@e1 in the acme brand and user@e2 in the weyland_yutani brand.

Configuring the widgetSet property

In **/opt/open-xchange/etc/settings/appsuite.properties** set the following property:

```
io.ox/portal/widgetSet=""
```

This sets the widgetSet for all contexts to the empty string, meaning, our additional configuration for the two brands will not have a side effect on already existing portal configuration. Now, let's override the widgetSet in the brands.

/opt/open-xchange/etc/contextSets/acme.yml:

acme:

```
  io.ox/portal/widgetSet: /acme
  withTags: acme
```

/opt/open-xchange/etc/contextSets/weyland_yutani.yml:

weyland_yutani:

```
  io.ox/portal/widgetSet: /weyland_yutani
  withTags: weyland_yutani
```

This sets the widgetSet for all contexts tagged "acme" to **/acme** and, conversely for all contexts tagged "weyland_yutani" to **/weyland_yutani**. Note the **leading slash** in the value. For more information about the config cascade, visit <http://oxpedia.org/wiki/index.php?title=ConfigCascade>

Portal Configuration

Now let's have a look at the `/opt/open-xchange/etc/settings/portal.yml` that configures these widget sets:

```
io.ox/portal//widgets/eager/acme/gen_0:
  mail_0:
    color: "blue"
    enabled: true
    index: 100
    inverse: false
    plugin: "plugins/portal/mail/register"
    type: "mail"
  recentfiles_0:
    color: "lightgreen"
    enabled: true
    index: 200
    inverse: false
    plugin: "plugins/portal/recentfiles/register"
    type: "recentfiles"
  userSettings_0:
    color: "red"
    enabled: true
    index: 300
    inverse: false
    plugin: "plugins/portal/userSettings/register"
    type: "userSettings"

io.ox/portal//widgets/eager/weyland_yutani/gen_0:
  mail_0:
    color: "blue"
    enabled: true
    index: 100
    inverse: false
    plugin: "plugins/portal/mail/register"
    type: "mail"
  birthdays_0:
    color: "lightgreen"
    enabled: true
    index: 200
    inverse: false
    plugin: "plugins/portal/birthdays/register"
    type: "birthdays"
  calendar_0:
    color: "red"
    enabled: true
    index: 300
    inverse: false
    plugin: "plugins/portal/calendar/register"
    type: "calendar"
```

The first block configures the acme widgets. Note the additional **/acme** part of the path, that's the same value as the **widgetSet** attribute for these contexts.

The second block takes care of the configuration for *weyland_yutani* contexts.

Similarly you could define protected widgets below:

```
io.ox/portal//widgets/protected/acme:
...

or
io.ox/portal//widgets/protected/weyland_yutani:
...
```

Conclusion

This document demonstrated a configuration for different portal pages based on brands using the config cascade to set the **"widgetSet"** UI property, which defines a namespace for portal configurations.