

Portal Navigation Bar

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1 Overview

Portal Navigation Bar is a toolbar style dropdown menu bar appearing in the top of the browser window for navigating in QPR Portal (see the demo screenshot below). The menu hierarchy is flexible, so menus can contain sub menus and also they can also contain sub menus. It's possible to add any other web resource which can be referenced using links. The navigation bar is an html page, which needs to be edited manually.

Menus can also be defined dynamically, e.g. create a menu containing all scorecards of a Metrics model or all diagrams of an EA/PD model. The menu items are fetched using a web service query, meaning that all model changes appear automatically in the menu.

2 Compatibility

Compatible with QPR 2015.1.

3 Installation

Installation steps (more information for changing templates: <https://community.qpr.com/node/1681>):

1. Copy **superfish.css** to **C:\inetpub\wwwroot\qpr2015-1\qprsoftware\stylesheets**.
2. Copy **superfish.min.js** and **hoverIntent.js** to **C:\inetpub\wwwroot\qpr2015-1\qprsoftware\portal\scripts**.
3. Copy **menu.tpl** to **C:\ProgramData\QPR Software\QPR 2015\2015.1\Servers\Templates\WAS\Portal**.
4. Configure variable **MENU_CONFIGURATION** in **menu.tpl** (see the next chapter).
5. Clear QPR Portal template cache.

4 Configuration

MENU_CONFIGURATION is a JSON variable containing definitions for dynamic menus in an array. Each array item has following properties:

Property	Description
placeholder	Html element id of the dynamic menu placeholder. Placeholder is a div element indicating where the menu is located (see example div's in the file). Note that the placeholder doesn't have to be in the top level but any sublevel is valid.
element	Scorecard id of the dynamic menu root element. Get it using QPR Web Service Tester.
getPortalUrlView	QPR Web Service's GetPortalUrl method's "viewName" parameter. GetPortalUrl is used to get the link, and this is the parameter passed to the method. Determines which tab is opened (dashboard, navigator, ...). Documentation http://kb.qpr.com/qpr2015-1/index.html?getportalurl.htm .
getPortalUrlOptions	QPR Web Service's GetPortalUrl method's "options" parameter. GetPortalUrl is used to get the link, and this is the parameter passed to the method. Documentation http://kb.qpr.com/qpr2015-1/index.html?getportalurl.htm .

rootName	If defined, overrides the root item's name with statically defined name. Can be omitted.
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5 Usage

Link to menu bar is following:

[http://\[HOSTNAME\]/QPR2015-1/Portal/QPR.Isapi.dll?QPRPORTAL&*putab&TPL=menu.tpl](http://[HOSTNAME]/QPR2015-1/Portal/QPR.Isapi.dll?QPRPORTAL&*putab&TPL=menu.tpl)

Queries for QPR Web Service tester to get required id's:

- Query to get all scorecards: **[SC].models.scorecard**
- Query to get all portal views: **[PO].bookmark(criteria="attribute.type=1")**
- Query to get all dashboard views: **[SC].models.subobjects(criteria="typename= \"Dashboard view\"")**

6 Example

The screenshot displays the QPR Portal interface. The top navigation bar includes tabs for 'Johdon mittarit', 'Central Branch', 'Dentorex Group', 'Prosessimittarit', 'Prosessikartta', 'Dentorex Group', 'Riskienhallinta', and 'Turvallisuusmittaristo'. The main content area shows a hierarchy of 'Corporate Customers North Branch' with various KPIs and actions. The left sidebar shows a tree view of the hierarchy, including 'Capital Bank', 'Central Branch', 'North Branch', 'Corporate Customers North Branch', 'Private Customers North Branch', 'South Branch', 'KPI Templates for Portal Library', and 'Templates'. The main table lists KPIs such as 'Financial', 'KPIs', 'Profit & loss', 'Customer', 'Market share', 'Customer retention', 'Complaints per Customer', 'Number of Customers', 'Internal Processes', 'Handling time of lending decisions', 'Number of help desk requests', 'Number of marketing activities', 'Executed campaigns', 'Personnel risks', 'Learning & Growth', 'New business', 'Improvement suggestions', 'Number of personnel', and 'Employee retention'. Each KPI has a value and a corresponding action button (e.g., 'Add', 'Edit', 'Delete').