

# World Calendars for QPR Portal

**Version 1.0.1 (2017-06-29)**

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## **Changelog:**

### Version 1.0.1 (2017-06-29):

- Replaced the included patch.exe (the previous one caused incorrect file permissions to be set for patched files)

### Version 1.0.0 (2017-06-22):

- Initial release

## 1 Overview

**World Calendars for QPR Portal** adds a support for different type of calendars to QPR Portal. Available calendar types are following: Gregorian (default in QPR Portal), Coptic, Discworld, Ethiopian, Gregorian, Hebrew, Islamic, Julian, Mayan, Nanakshahi, Nepali, Persian, Taiwan, Thai and Umm al-Qura.

The World calendars contains following features:

- Date selectors in action forms are based on the desired calendar type. This is available for action field types Date, DateTime and Period.
- All dates in QPR Portal are shown based on the calendar type.
- The date display format is configurable for each QPR Portal language.

World calendars are configured so that each QPR Portal language can contain different calendar type. E.g it's possible to show a Gregorian calendar for English language users and a Persian calendar for users viewing QPR Portal in Persian language.

QPR Metrics period names are not changed by the World calendars. Still, QPR Metrics supports different types of calendars, as the periods can be defined flexibly starting from any date and ending to any date.

World Calendars for QPR Portal is based on **jQuery Calendars** javascript library (<http://keith-wood.name/calendars.html>).

## 2 Installation

Edit the two directory variables (if necessary) inside **install.bat** to point to your QPR installation folders. The defaults are:

```
set QPR_PDATA=C:\ProgramData\QPR Software\QPR 2017\2017.1\  
set QPR_INETPUB=C:\inetpub\wwwroot\qpr2017-1\  

```

Right-click on **install.bat** and select "Run as administrator" to start the installation.

Alternatively, you can also do the installation manually by following these steps (the files you will need are all located under the **install\_data** folder):

1. Apply patch **WAS.patch** to **C:\ProgramData\QPR Software\QPR 201X\201X.1\Servers\Templates\WAS\**.
2. Copy **worldcalendarjs.tpl** to two places:
  - a. **C:\ProgramData\QPR Software\QPR 201X\201X.1\Servers\Templates\WAS\Common\**
  - b. **C:\ProgramData\QPR Software\QPR 201X\201X.1\Servers\Templates\WAS\Common\StaticFields\**.
3. Apply patch **qprsoftware.patch** to **C:\inetpub\wwwroot\qpr201X-1\qprsoftware\**.
4. Copy folder **jquery.calendars** to **C:\inetpub\wwwroot\qpr201X-1\qprsoftware\Common\scripts\calendar\**.
5. Copy **icon\_world\_calendar.gif** to **C:\inetpub\wwwroot\qpr201X-1\qprsoftware\portal\images\**.

After you've run install.bat (or patched/copied the files manually):

1. Configure the settings described in chapter 3 inside **utils.js** (settings can be found by searching their names).
2. Check that **C:\ProgramData\QPR Software\QPR 201X\201X.1\Servers\Templates\WAS\Common\worldcalendarjs.tpl** contains references to all translation files that are needed (see the comment in the file). This is related to the language codes in the setting **CALENDAR\_LANGUAGES**.
3. Clear QPR Portal template cache (or restart QPR service) and also clear web browsers cache.

### 3 Configuration

Settings described in the following table are set in file **C:\inetpub\wwwroot\qpr201X-1\qprsoftware\portal\scripts\utils.js**.

| Setting name       | Setting description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CALENDAR_TYPES     | Desired calendar types defined for each QPR Portal language. Languages are defined using <b>QPR Portal language codes</b> (in the table below). Calendars are defined using <b>calendar codes</b> (in the table below).                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CALENDAR_LANGUAGES | Desired calendar languages for each QPR Portal language (World calendars translations needs to be defined separately of QPR Portal translations). QPR Portal languages are defined using <b>QPR Portal language codes</b> (in the table below). Available <b>calendar languages codes</b> are listed (after World calendars installation) in folder <b>C:\inetpub\wwwroot\qpr201X-1\qprsoftware\Common\scripts\calendar\jquery.calendars</b> : all files having the form <b>jquery.calendars-XX.js</b> show the available languages ( <b>XX</b> is the language code in this example). There are lot of languages available for the calendar. |
| PORTAL_DATE_FORMAT | Date display format in QPR Portal defined for each language.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SYSTEM_DATE_FORMAT | Date format used in QPR Portal by default (when the World calendars is not installed). This is the language that is set in QPR application server Windows. (This needs to be defined as the World calendars needs to parse the default dates to convert them to other formats.)                                                                                                                                                                                                                                                                                                                                                               |

| CALENDAR TYPES |               |
|----------------|---------------|
| Calendar code  | Calendar name |
| coptic         | Coptic        |
| discworld      | Discworld     |
| ethiopian      | Ethiopian     |
| gregorian      | Gregorian     |
| hebrew         | Hebrew        |
| islamic        | Islamic       |
| julian         | Julian        |

|            |             |
|------------|-------------|
| mayan      | Mayan       |
| nanakshahi | Nanakshahi  |
| nepali     | Nepali      |
| persian    | Persian     |
| taiwan     | Taiwan      |
| thai       | Thai        |
| ummalqura  | Umm al-Qura |

| QPR PORTAL LANGUAGES |                     |
|----------------------|---------------------|
| Language code        | Language name       |
| ar,1                 | العربية             |
| bg,1                 | български           |
| cs,1                 | čeština             |
| da,1                 | dansk               |
| de,1                 | Deutsch             |
| en,1                 | English             |
| es,3                 | español (España)    |
| fa,1                 | فارسی               |
| fi,1                 | suomi               |
| fr,1                 | français            |
| id,1                 | Bahasa Indonesia    |
| it,1                 | italiano            |
| ja,1                 | 日本語                 |
| lt,1                 | lietuvių            |
| lv,1                 | latviešu            |
| nl,1                 | Nederlands          |
| nl,2                 | Nederlands (België) |
| pl,1                 | polski              |
| pt,1                 | português           |
| ru,1                 | русский             |
| sv,1                 | svenska             |
| tr,1                 | Türkçe              |
| zh,2                 | 中文(简体) (中华人民共和国)    |

| <b>DATE FORMATTINGS</b> |                                                             |
|-------------------------|-------------------------------------------------------------|
| <b>Date part code</b>   | <b>Date part description</b>                                |
| d                       | day of month (no leading zero)                              |
| dd                      | day of month (two digit)                                    |
| o                       | day of year (no leading zeros)                              |
| oo                      | day of year (three digit)                                   |
| D                       | day name short                                              |
| DD                      | day name long                                               |
| w                       | week of year (no leading zero)                              |
| ww                      | week of year (two digit)                                    |
| m                       | month of year (no leading zero)                             |
| mm                      | month of year (two digit)                                   |
| M                       | month name short                                            |
| MM                      | month name long                                             |
| yy                      | year (two digit)                                            |
| yyyy                    | year (four digit)                                           |
| YYYY                    | formatted year                                              |
| J                       | Julian date (days since January 1, 4713 BCE Greenwich noon) |
| @                       | Unix timestamp (secs since 01/01/1970)                      |
| !                       | Windows ticks (100ns since 01/01/0001)                      |
| '...'                   | literal text                                                |
| "                       | single quote                                                |