

Qeedji

User manual 001A

briva_calendar-ypareo 1.11.10

Legal notices

1.11.10 (001A_en)

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1.1 Introduction

The `Briva-calendar` `YPareo` solution is allowing to connect periodically to your online `YPareo` server calendar to gather the events of the day for one or several resources calendars and output them into:

- an `.ics` calendar, compliant with *Internet Calendar Scheduling* RFC,
- a `.xml` calendar, propriety format. For further information, refer to the chapter § [Appendix: .xml calendar format](#).

This document explains how to install and configure the `ypareo-calendar` connector on the `Briva-calendar` server so that it can connect to your `YPareo` server and get events of your resources calendars.

Briva-calendar server compatibility

The `YPareo-calendar` connector must be installed on a `Briva-calendar` server 2.10.10.

1.2 Briva-calendar server installation

If not already done, download the [Briva-calendar server 2.10.10](#) then execute *Innes Briva Server Setup V2.10.10.exe* on a MS-Windows Server computer to install it. The MS-Windows Server computer must be available on your local network.

The Briva-calendar server is by default installed in this directory:

- C:\Program Files (x86)\Innes Briva

The user data for the Briva-calendar server are stored by default in this directory:

- C:\Users\Public\Documents\Innes Briva

Briva-calendar server (C:\Program Files (x86)\Innes Briva\Server\bin\httpd.exe) starts automatically on port 80 when the MS-Windows server starts.

The start and stop shortcuts, available on MS-Windows App panel, allows to start or stop the Briva-calendar server .

List of calendar connectors installed

Briva-calendar server can support several types of calendar connector at a time.

When the Briva-calendar server is started, the Briva-calendar server Web configuration page is available with this URL:

- `http://<myBrivaCalendarServer_login>:<myBrivaCalendarServer_password>:<myBrivaCalendarServer_port>@myBrivaCalendarServer_domain_or_IPV4_addr>/.configuration/`

For example

- `http://admin:admin@192.168.2.69/.configuration/`

☞ The default credential to connect as administrator is `admin / admin` .

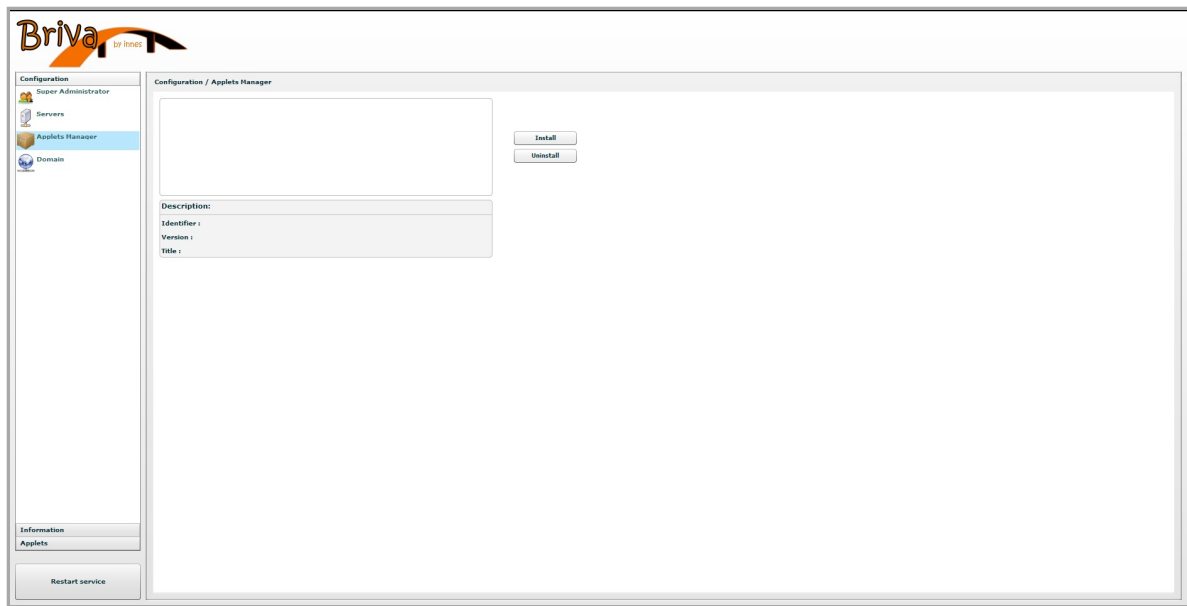
☞ It is advised to use DNS to access to your Briva-calendar server .

☞ To open the Briva-calendar server Web configure page, the browser must support the flash technology. If you have not, contact `support@innes.pro` who should help to find one.

Click on the Applets Manager tab. The Configuration / Applets Manager pane, displayed on the right, lists all the calendar connectors installed.

To know the version of a calendar connector, click on the appropriate calendar connector installed and check the Description pane just below displaying information about the connector:

- identifier ,
- version ,
- title .



Click on the Domain tab. Click on New to create a domain (for example: *myDomain*).

1.3 YPareo calendar connector installation

Open the Briva-calendar server Web configure page, available with this URL:

- `http://<myBrivaCalendarServer_login>:<myBrivaCalendarServer_password>:<myBrivaCalendarServer_port>@myBrivaCalendarServer_domain_or_IPV4_addr>/configuration/`

For example

- `http://admin:admin@192.168.2.69/.configuration/`

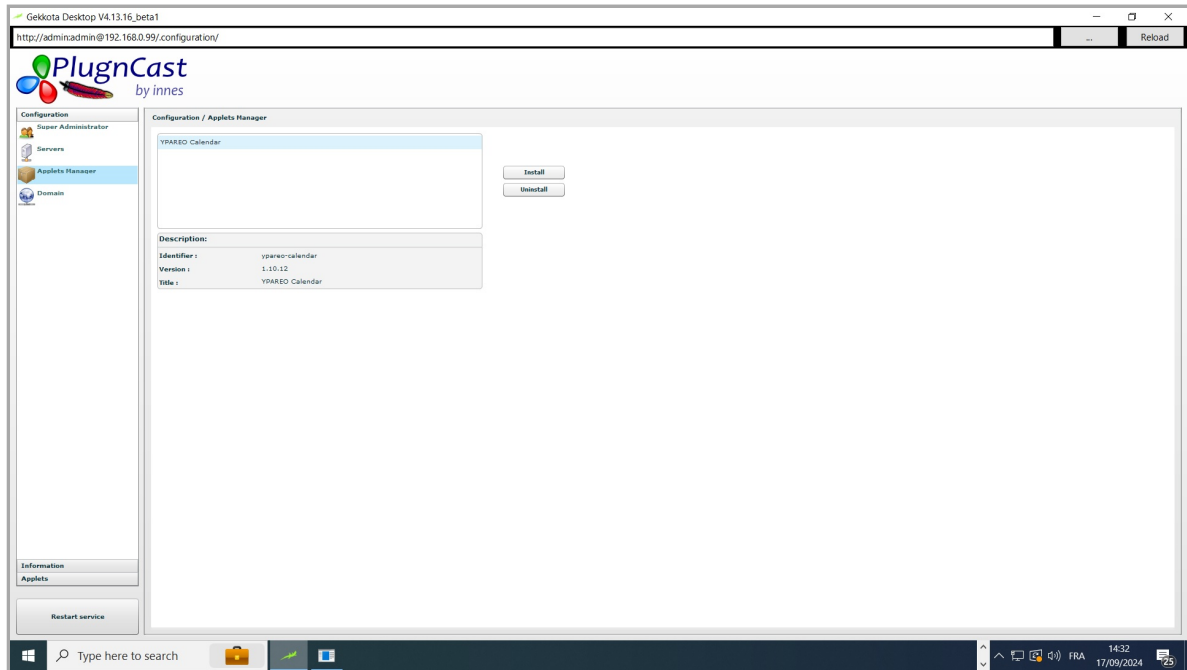
Click on the Applets Manager tab. The Configuration / Applets Manager pane, displayed on the right, lists all the calendar connectors installed.

If already installed, select the YPareo Calendar connector and check that the version is 1.10.12 (or above). Otherwise:

- download the latest [YPAREO connector \(.saz\)](#),
- click on the Install button,
- select the `ypareo-calendar-1.10.12.saz` and click on the Open button.

Wait a couple of time.

Click on the YPareo Calendar connector installed and in the Description pane just below, check that the version is 1.10.12.



When successfully installed:

- these files are available in this directory `C:\Users\Public\Documents\Innes Briva\Server\shared\applets\pareo-calendar\` :
 - `2ical.php`,
 - `2xml-daycalendar.php`.
- these files are available in this directory `C:\Users\Public\Documents\Innes Briva\Server\accounts\<mydomain>\applets\ypareo-calendar\` :
 - `configuration.xml`,
 - `2ical.php`,
 - `2xml-daycalendar.php`¹.

¹ If the `2xml-daycalendar.php` file is not present in this directory `C:\Users\Public\Documents\Innes Briva\Server\accounts\<mydomain>\applets\ypareo-calendar\` after the first installation, copy the file from this directory `C:\Users\Public\Documents\Innes Briva\Server\shared\applets\pareo-calendar\` to this directory `C:\Users\Public\Documents\Innes Briva\Server\accounts\<mydomain>\applets\ypareo-calendar\`.

1.4 YPareo calendar connector configuration

To configure the `ypareo-calendar` connector, edit the `C:\Users\Public\Documents\Innes Briva\Server\accounts\<mydomain>\.applets\ypareo-calendar\configuration.xml` file to fill the required information to connect to your YPareo calendar.

The configuration file template is auto-explained and contains different configuration examples.

⚠ Do modify the `configuration.xml` file by matching the XML syntax.

⚠ The file editor, allowing to make modifications in the `configuration.xml` file, must keep the characters encoded in UTF-8.

Modification of the configuration.xml to connect to your YPareo online server

The upper part of the `configuration.xml` (tag `<server>`) allows to configure the connexion to your YPareo online server.

The connector is able to connect to your YPareo with several accounts at a time with only one `configuration.xml` file. In this case, a unique `serverId` value must be created for each YPareo account.

In the `configuration.xml`, uncomment the block from `<server>` to `</server>` and fill with your data:

```
<server>
...
</server>
```

This is a `serverId1` example with YPareo available with the URL ``:

Enter the URL and the access token value delivered by your YPareo account provider to access to the Web services of YPareo.

```
<servers>
  <server id="serverId1" type="ypareo">
    <label>YPareo server</label>
    <baseuri>https://netypareo.mydomain.fr/cust/index.php</baseuri>
    <token>iyJ0eXAI0iKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpYXQiOiE3MjU0MDA4MDAsImNsdCI6IkQzNkFFODQzLUYwNkItNEZGMi05N0Q1LTJGRTcxRUUzQjk4QyJ9.2lceHb0jC-sFHpQLRJTieGu-
  </server>
</servers>
```

Modification of the configuration.xml to create a calendarId supporting your resources calendars

A `calendarId` is the name of the the calendar you have to create to gather the event of one or several resource calendars. At least one `calendarId` must be created.

In the `configuration.xml`, several `calendarId` can be created. All the `calendarId` created must have different values.

A calendar is created inside the `<calendars>` tags:

- the value `myCalendarId` is a free text value,
- the value `myServerId` must match one of the `serverId` defined above.

```
<calendars>
  <calendar id="myCalendarId1" server="url(#myServerId1)">
    ...
  </calendar>
  <calendar id="myCalendarId2" server="url(#myServerId2)">
    ...
  </calendar>
</calendars>
```

This is an example of `calendars` tag with three `calendarId`:

- `rooms12`,
- `roomsw1w2`,
- `roomsw3w4`,

It is assumed in the example that:

- the resources account emails used inside tags are respectively available and properly configured in the Microsoft Exchange Server or Office 365 whose id (example `url(#serverId1)`) is specified just above.

```
<calendars>
  <calendar id="room1" server="url(#serverId)">
    <param name="resource">3398</param>
    <param name="label">Room 1</param>
    <param name="startRelated">day-start</param>
    <param name="endRelated">day-end</param>
    <param name="cachePersistence">0</param>
  </calendar>
  <calendar id="room_1_2_3" server="url(#serverId)">
    <param name="resource" value="Room 1">3397</param>
    <param name="resource" value="Room 2">3398</param>
    <param name="resource" value="Room 3">3399</param>
    <param name="startRelated">day-start</param>
    <param name="endRelated">day-end</param>
    <param name="cachePersistence">0</param>
  </calendar>
</calendars>
```

Room label rename

In the example, the resource name (ex: 3397, name given by your ypareo provider) is overwritten by a friendly custom label (ex: *Room 1*).

Renaming method when the `calendarId` (ex: `room_1`) contains only one resource calendar:

```
<calendar id="room_1" server="url(#serverId)">
  <param name="resource" value="Room 1">3397</param>
</calendar>
```

Working day

To remove the events programmed outside the working range (ex: from 8.00 AM to 7.00 PM), uncomment the block like explained.

```
<generalsettings>
  <!-- Working day (Occurrence=1)-->
  <workingday>
    <!-- define the start and end time slot of the working day -->
    <param name="dayStartTime">8:00</param>
    <param name="dayEndTime">19:00</param>
  </workingday>
</generalsettings>
```

1.5 YPareo calendar connector's output URL

To test successfully the Briva-calendar YPAREO with your computer and get the event of the day:

- the `configuration.xml` file of the `ypareo-calendar` connector must be properly configured:
 - calendar system datasource with appropriate:
 - calendar system URL
 - `calendarId` value, gathering the events of the day for or several resources calendars,
 - alarms .

Ensure that no network software product or network device prevent your computer to communicate with the Briva-calendar YPAREO .

URL to get the .ics calendar

This is the URL syntax to get an `.ics` calendar file output by the connector:

- `http://<BrivaCalendarServer_domain_or_ipv4_addr>/plugnCast/.applets/.ypareo-calendar/2ical.php?calendarId=<calendarId>`

URL to get the .xml calendar

This is the URL syntax to get an `.xml` calendar file output by the connector:

- `http://<BrivaCalendarServer_domain_or_ipv4_addr>/plugnCast/.applets/.ypareo-calendar/2xml-daycalendar.php?id=<calendarId>`

2.1 Contacts

For further information, please contact us by e-mail:

- **Technical support:** support@innes.pro,
- **Sales department:** sales@innes.pro.

Refer to the **INNES** Website for FAQ, application notes, and software downloads: <https://www.innes.pro/>

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35700 RENNES

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Fax: +33 (0)2 23 20 22 59

3.1 Appendix: .xml calendar format

This is an example of .xml calendar output by the briva_calendar-ypareo (1.11.10 or above) with the URL syntax:

- `http://<BrivaCalendarServer_domain_or_ipv4_addr>/plugnCast/.applets/.ypareo-calendar/2xml-daycalendar.php?id=<calendarId>`

For example:

- `http://192.168.0.99/plugnCast/.applets/.ypareo-calendar/2xml-daycalendar.php?id=room_1_2_3`

```
<calendar>
  <event>
    <summary>myEvent1</summary>
    <description/>
    <location>Room 1</location>
    <organizer/>
    <attendees/>
    <date>17/09/2024</date>
    <timeslot>08:30 - 12:00</timeslot>
  </event>
  <event>
    <summary>myEvent2</summary>
    <description/>
    <location>Room 2</location>
    <organizer/>
    <attendees/>
    <date>17/09/2024</date>
    <timeslot>13:30 - 17:00</timeslot>
  </event>
  <event>
    <summary>myEvent3</summary>
    <description/>
    <location>Room 3</location>
    <organizer/>
    <attendees/>
    <date>17/09/2024</date>
    <timeslot>17:30 - 18:30</timeslot>
  </event>
</calendar>
```

3.2 Appendix: .ics calendar format

The .ics format output by the briva_calendar-ypareo is compliant with the [Internet Calendaring and Scheduling RFC](#).

3.3 Appendix: Alarm and cache persistency

Alarm

Several alarms combinations can be created to:

- display or not the incoming events,
- display or not the events that are over,
- display events <n> minutes before they happen,
- display events until <n> minutes they are over.

This alarm combination allows to display all the events of the day:

```
<scc:calendars>
  <scc:calendar id="room1" server="url(#serverId)">
    <param name="startRelated">day-start</param>
    <param name="endRelated">day-end</param>
  </scc:calendar>
</scc:calendars>
```

This alarm combination allows to display only events happening now:

```
<scc:calendars>
  <scc:calendar id="room1" server="url(#serverId)">
    <param name="startRelated">event-start</param>
    <param name="endRelated">event-end</param>
  </scc:calendar>
</scc:calendars>
```

This alarm combination allows to display events 3600 seconds before they happen and until 3600 seconds after they are over:

```
<scc:calendars>
  <scc:calendar id="room1" server="url(#serverId)">
    <param name="startRelated">event-start</param>
    <param name="startOffset">-3600</param>
    <param name="endRelated">event-end</param>
    <param name="endOffset">3600</param>
  </scc:calendar>
</scc:calendars>
```

This alarm combination allows to display all the events of the day except those that are not yet started:

```
<scc:calendars>
  <scc:calendar id="room1" server="url(#serverId)">
    <param name="startRelated">day-start</param>
    <param name="endRelated">event-end</param>
  </scc:calendar>
</scc:calendars>
```

This alarm combination allows to display all the events of the day except those that are over:

```
<scc:calendars>
  <scc:calendar id="room1" server="url(#serverId)">
    <param name="startRelated">event-start</param>
    <param name="startOffset">-600</param>
    <param name="endRelated">day-end</param>
  </scc:calendar>
</scc:calendars>
```

Cache persistency parameter

The connector considers that during the cache duration (in seconds), there is no need to refresh the *calendarId* calendar. The default cache value is 300.

```
<param name="cachePersistence">300</param>
```

When the cache is not defined, the connector refreshes the calendar every minute.

3.4 Appendix: XML entities

Here are some XML entities:

XML entities	description
<	<
>	>
&	&
'	'
"	"