

Boltwire Plug-in

Googleical

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Description:

Currently, the plug-in provides a way to list the contents of a Google Calendar, exported using the ICAL format option in an agenda like format.

It displays all entries obtained from the Google Calendar ICAL stream for the calendar you have setup for entries after the days current date.

With multiple calendars, it is possible to have multiple pages for different groups displayed as separate calendar entries.

Requirements:

Google Calendar Account:

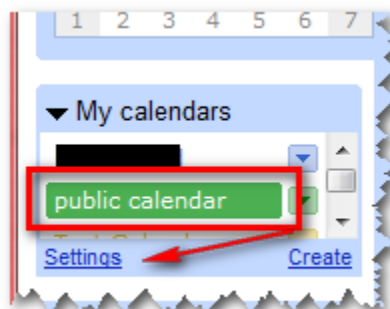
You need to have a Google calendar account and have either made it public or have decided to use the private ICAL feed address.

Setup

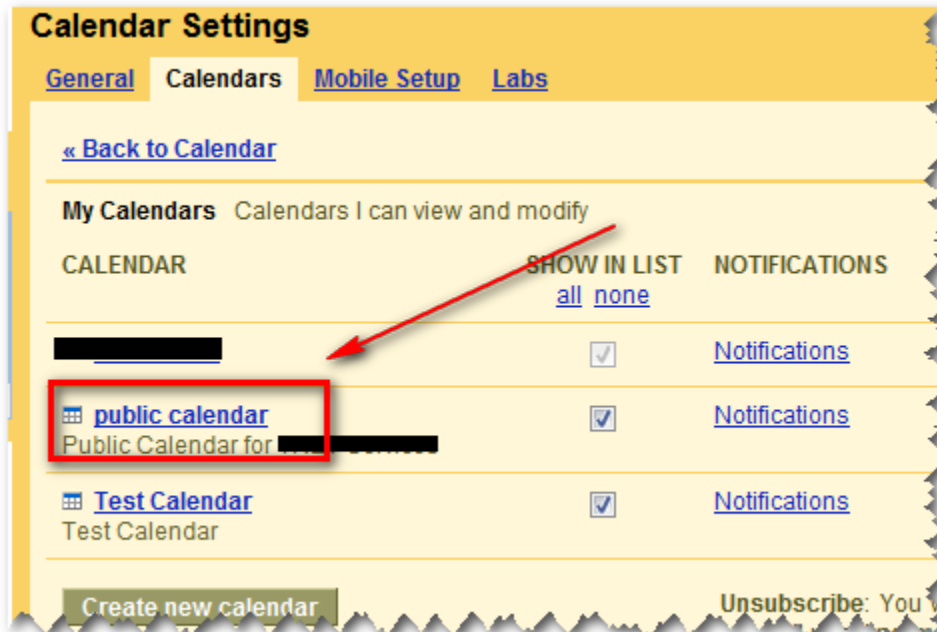
Obtaining the Google Calendar ICAL stream feed URL.

Logging into your Google Calendar, you need to either setup a new calendar to use for this purpose or want to make public the calendar you already have setup.

On the left side, you need to click on Settings:



This will open up a configuration screen:



This will open up a new screen which near the bottom has the selections needed to get the ICAL feed button...



You can use either the public address or the private address. Which you choose is up to you, but you should be very careful with the private one.

When you select either, you will be presented with a popup screen that



You need to copy that address and set it aside since you will be using it on the page which will be using the plug-in.

Installing the plug-in.

Like most other plug-ins, this plugin needs to be downloaded and placed in the directory...

```
.../boltwire/farm/plugins
```

After you have placed it into the plugins directory, use the plugins function in Boltwire to activate the plugin.

Using the new function

Either create a new page (like calendar or events for example) or use an existing page and place on it the googleical function:

```
[(googleical url=".. Google ICAL URL ...")]
```

It is in the url entry, you place the the Google ICAL URL you collected earlier from the Google Calendar settings page.

When you save the page, you should see the output of entries on your Google Calendar page.

Output of Calendar Data

The plug-in outputs four possible values from each entry in the calendar that was found.

Summary

This is the title of the entry. It is enclosed in an <h1> header element.

When or Date

This is the date of the entry. It is enclosed in a <h2> header element.

The output of the date is based on the type of date it was saved with. Single all day dates are displayed as with just the date.

Dates that have hour ranges in them are displayed with the date and the time ranges between the start and ending times.

Dates that span multiple days are similar with or without time ranges if they had them or not.

When an entry is for that days date, the date is replaced with TODAY.

Location (optional)

The location is enclosed in an <h3> header element but only is output if the location was found in the data. If you didn't enter one for the entry, it will not be shown.

Description (optional)

Also optional based on whether or not it was entered into the entry. This data is enclosed in a <div> with the class of desc.

Space Div

After each entry output, a div of the class called space is used to separate the entry from the potential next entry.

CSS id Calendar

The entire output of the data from the plug-in is enclosed in a CSS id of calendar.

This allows the entire CSS that controls the use of the 3 header elements and the desc div's to be separate from other sections of your CSS.

Placed at the bottom of the controlling style page, you can control how the data is displayed.

Like:

```
#calendar {
  font-family: arial;
  font-size: 100%;
}

#calendar h1 {
  margin: 0;
  color: #008000;
  font-size: 140%;
  border: 0px;
}

#calendar h2 {
  margin: 0;
  margin-left: 0px;
  font-weight: normal;
  color: #008000;
  font-size: 100%;
}

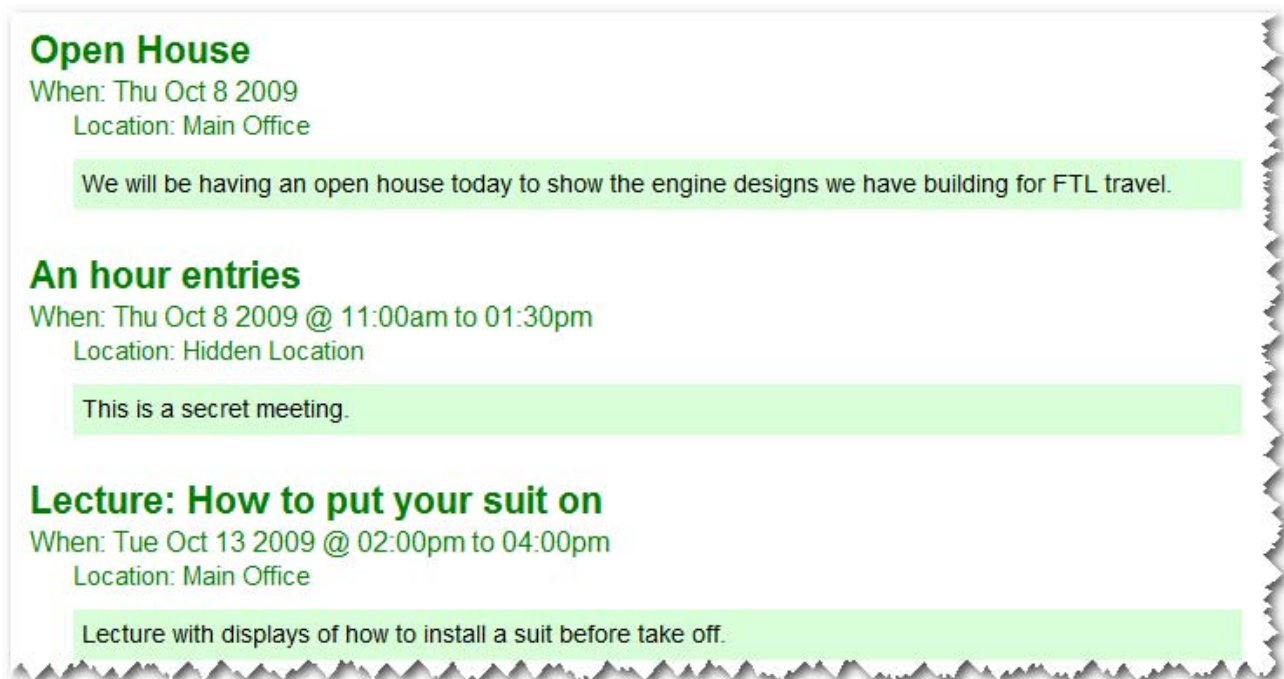
#calendar h3 {
  margin: 0;
  color: #008000;
  font-size: 95%;
  margin-left: 25px;
  font-weight: normal;
  font-family: arial;
  border: 0px;
  line-height: 1em;
}

#calendar .desc {
  margin-left: 25px;
  margin-top: 12px;
  padding: 5px;
  background-color: #D8FFD8;
  font-size: 90%;
  line-height: 1.3em;
}
```

```
}  
  
#calendar .space {  
  margin-bottom: 25px;  
}
```

With the CSS, you can control how the calendar entries are output.

The above *on my site* outputs like:



Open House
When: Thu Oct 8 2009
Location: Main Office
We will be having an open house today to show the engine designs we have building for FTL travel.

An hour entries
When: Thu Oct 8 2009 @ 11:00am to 01:30pm
Location: Hidden Location
This is a secret meeting.

Lecture: How to put your suit on
When: Tue Oct 13 2009 @ 02:00pm to 04:00pm
Location: Main Office
Lecture with displays of how to install a suit before take off.

Future Features

Actually a lot of possible features could be added. Below are just some of them...

- Add ability to limit entries by month, providing a control to allow the visitor to select the next or previous month's info.
- Provide a trigger that outputs a Calendar table with links to an agenda page with anchors to select the entry. This would provide a graphical calendar representation of the data that is in the Google Calendar linked to the Agenda output.