



**vgcal**  
*Google Calendar Integration*  
version 2.0

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## About

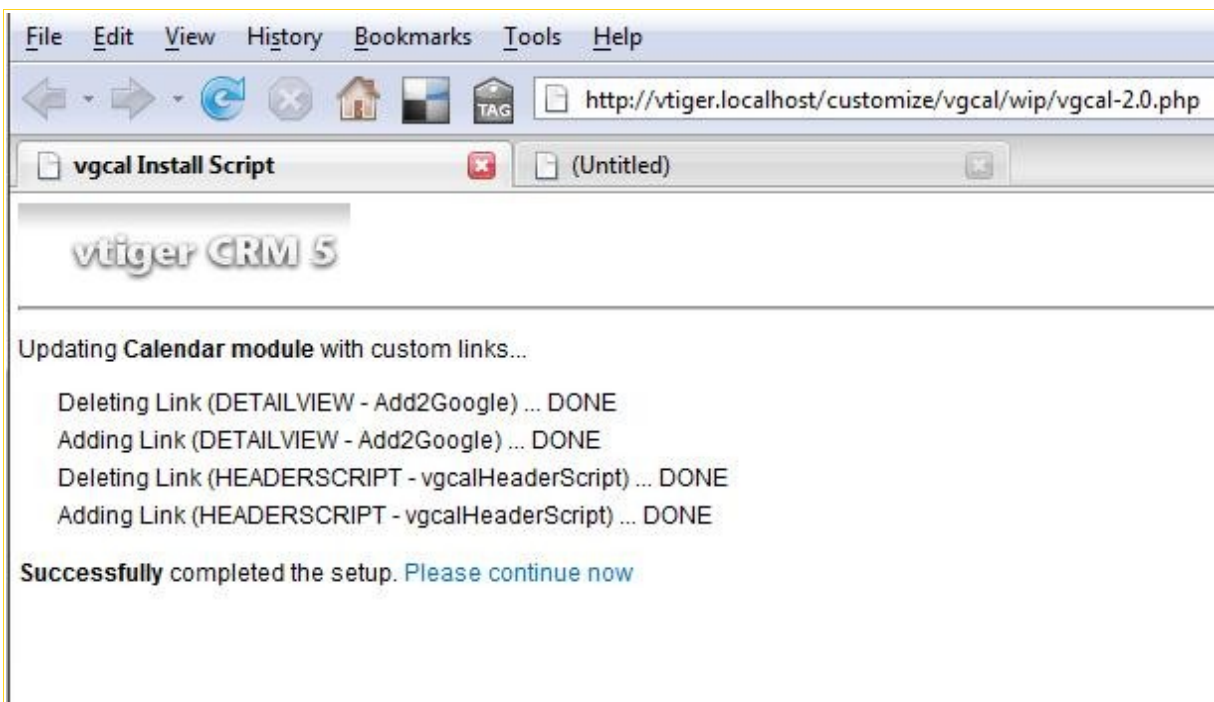
vgcal extension provides the integration of vtiger Calendar with your Google Calendar.

## Requirements

- **vtiger CRM 5.1.0** is required to be installed.
- **PHP version >= 5.1.4**
  - **Google Data API Library dependency**
- Google Data API Library provided by [Zend Framework](#) or [standalone version](#)
  - This library should be available at runtime (or PHP PATH)
  - NOTE: vgcal comes with bundled library that you can consider to use.
- **OpenSSL Extension** should be enabled in your PHP configuration.
- **XML support** for PHP should be enabled (libxml)

## Installation

- Download **vgcal-2.0.zip** and Unzip into your vtiger CRM source (root) directory
  - *Make sure modules/Calendar and Smarty/templates/modules/Calendar is writeable*
- Execute the script, **vgcal-2.0.php**, from browser like:  
<http://yourserver/vtigercrm/vgcal-2.0.php>



## Usage

vgcal extension adds Add2Google link on DetailView of Calendar Records (Events/ToDo) using which you can add/update vtiger CRM Calendar Record to Google Calendar.

### Adding Record

Open a calendar event in vtiger CRM and click Add2Google link under More Actions towards right.

The screenshot shows the 'Event Information' section of a calendar record titled '[ 125 ] Support Meeting - Event Information'. The record is updated today (16 Sep 2009). The event details are as follows:

Event Information	
Event Type	Meeting
Event Name	Support Meeting
Description	Proposed meeting
Location	
Status	Planned
Assigned To	admin
Priority	High
Send Notification	No
Created Time	2009-09-16 16:22:08
Modified Time	2009-09-16 16:22:08
Event starts at	Event ends on
10:25am 2009-09-18	11:25am 2009-09-18

On the right side, under 'More Actions', the 'Add2Google' link is highlighted with a red oval. Other actions include 'Tag it'.

Provide the **Google Calendar Login Credentials** and Click **Proceed**.

The screenshot shows the 'Add to Google Calendar' dialog box overlaid on the event detail view. The dialog box contains the following information:

**Add to Google Calendar**

Google Login Information

Username:

Password:

Remember login for this login session.

**Proceed**

The 'Proceed' button is highlighted with a red oval.

**NOTE:** If you choose Remember login, the login credentials will not be prompted until you logout from vtiger CRM (login session).

On success, you should see record in the Google Calendar

Google Calendar interface showing a calendar view for September 16-19, 2009. The calendar displays a grid with columns for Wed 9/16, Thu 9/17, Fri 9/18, and Sat 9/19. A single event, "Support Meeting", is scheduled for Friday, 9/18, from 10:25 to 11:25. The interface includes navigation links (Gmail, Calendar, Documents, Photos, Reader, Sites, Web, more), a search bar, and a sidebar with "My calendars" (Prasad A) and "Other calendars" sections. The event details are visible in a pop-up window.

with the vtiger Calendar Record details.

vtiger Calendar Record details form. The form includes the following fields and sections:

- What:** Support Meeting
- When:** 9/18/2009, 10:25am to 11:25am, 9/18/2009. Includes an "All day" checkbox and a "Repeats" dropdown set to "Does not repeat".
- Where:** (Empty text field)
- Calendar:** Prasad A (dropdown menu)
- Description:** Proposed meeting (text area)
- Guests:** Section with "Add guests" button and "Guests can" options:  modify event,  invite others,  see guest list.
- Options:** Section with "Reminder" (No reminders set, Add a reminder link) and "Show me as" options:  Available,  Busy.
- Privacy:** Section with "This event is:" options:  Default,  Private,  Public.

## Updating Record

If you modify the record already added to Google, you can click Add2Google link again which will push the changes to Google Calendar.

Event Information			
Event Type	Meeting	Visibility	Private
Event Name	Support Meeting		
Description	Meeting with vtiger CRM Support Head		
Location			
Status	Planned	Assigned To	admin
Priority	High	Send Notification	No
Created Time	2009-09-16 16:22:08	Modified Time	2009-09-16 16:31:11
Event starts at	Event ends on		
11:45am 2009-09-18	12:45pm 2009-09-18		

« Back to Calendar Save Cancel Delete More Actions...

**What** Support Meeting

**When** 9/18/2009 11:45am to 12:45pm 9/18/2009  
 All day

**Repeats:** Does not repeat

**Where**

**Calendar** Prasad A

**Description** Meeting with vtiger CRM Support Head

**Guests**  
+ Add guests

**Guests can**  
 modify event  
 invite others  
 see guest list

**Options**

**Reminder**  
No reminders set  
[Add a reminder](#)

**Show me as**  Available  Busy

**Privacy** This event is:  
 Default  
 Private  
 Public

**NOTE:** The record mapping information between the vtiger & Google Calendar is stored in vtigercrm/storage/vtigercal.map

## Appendix – I

### **Timezone Configuration**

- Make sure your Google Calendar and vtiger CRM are using the same timezone, if not, the time conversion might go wrong
- vtiger CRM 5.1.0 provides an easy way set timezone on the server
  - You will need to uncomment `$default_timezone` in `config.inc.php` and update the supported timezone. Like:
    - `$default_timezone = 'Asia/Calcutta';`
  - This timezone setting will be used all over the CRM as well.
  - For more details on timezone values to use, look at:  
<http://in2.php.net/manual/en/timezones.php>

### **Troubleshooting**

- Execute the test script, `vgcal-2.0-Test.php`, like: <http://yourserver/vtigercrm/vgcal-2.0-Test.php>
- Try creating a event, if there is failure it will be shown on the screen.
- Check if your storage folder has proper writable access.
- Verify if SSL ports are not blocked by your firewall.

### **Known Issue**

- The calendar sync is one-way. Changes made using Google calendar might get overwritten if record is added from vtiger CRM.

### **References**

- [http://code.google.com/apis/calendar/developers\\_guide\\_php.html](http://code.google.com/apis/calendar/developers_guide_php.html)
- <http://journal.code4lib.org/articles/46>