

SKILLBUILDERS CALENDAR

A REGION PLUG-IN FOR ORACLE APPLICATION EXPRESS (APEX)

Table of Contents

Overview	3
Intro.....	3
Features at a Glance	3
Version History.....	4
Feature Requests and Bugs.....	4
License.....	4
Legal Disclaimer	4
Installation and Configuration	5
Installation	5
Configuration	5
Configuration Settings	5
About SkillBuilders and the Author.....	7
About SkillBuilders	7
About the Author	7

Overview

Intro

[FullCalendar](#), by Adam Shaw, is an excellent JavaScript based calendar published under both MIT and GPL licenses. The SkillBuilders Calendar plug-in allows this calendar to be easily integrated into APEX. When coupled with the SkillBuilders Schedule plug-in, you can create a rich and complete calendaring system in your APEX applications. Look for both plug-ins to continue to evolve, offering more options and better integration along the way.

today  

February 2011

day week **month**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30 9a End of Month Meeting	31 Dance class	1 Dance class	2	3 Dance class	4	5 8:30p Saturday Night Out
6	7	8 Dance class	9	10 Dance class	11	12 8:30p Saturday Night Out
13	14 3p Important event!	15 Dance class 3p Important event!	16 3p Important event!	17 Dance class	18	19 8:30p Saturday Night Out
20	21	22 Dance class	23	24 Dance class	25	26 8:30p Saturday Night Out
27	28 9a End of Month Meeting	1 Dance class	2	3 Dance class	4	5 8:30p Saturday Night Out
6 My Birthday	7 Dance class	8	9	10 Dance class	11	12 8:30p Saturday Night Out

Features at a Glance

1. [FullCalendar](#) in APEX
2. Region source query allows for drill downs and CSS styling of events (by class)

Version History

- 1.0 – 2/28/2011
 - Initial release
- 1.0.1 – 6/23/2011
 - Fixed documentation bug related to the date format required in the query
 - Removed div qualifier that prevented plug-in from working in templates prior to APEX 4.0

Feature Requests and Bugs

If you would like to see additional functionality added to the plug-in, or if you have found a bug, please let us know by emailing support@skillbuilders.com.

License

The SkillBuilders Password plug-in is currently available for use in all personal or commercial projects under both MIT and GPL licenses. This means that you can choose the license that best suits your project and use it accordingly. Both licenses have been included with this software.

Legal Disclaimer

The program(s) and/or file(s) are supplied as is. The author disclaims all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The author assumes no liability for damages, direct or consequential, which may result from the use of these program(s) and/or file(s).

Installation and Configuration

Installation

With this installation package there is a plug-in installation file named:

- region_plugin_com_skillbuilders_sbrp_calendar.sql

Navigate to “Shared Components > Plug-ins” and click **Import** >. From there you can follow the menu to upload and install the plug-in using the file above. After the plug-in has been installed successfully you will be redirected to the plug-in edit screen.

Configuration

Once installed, this plug-in can be used as a native APEX component. When creating a new region, select the “Plug-ins” option and then choose the plug-in on the next page.

Here’s a sample query that demonstrates the required columns as well as their order. All columns must be included even if only "NULL" is used:

```
SELECT NULL AS id,  
       title AS title,  
       'false' AS all_day,  
       TO_CHAR(start_date, 'YYYY-MM-DD"T"HH24:MI:SS') AS start_date,  
       NULL AS end_date,  
       NULL AS url,  
       NULL AS class_name  
FROM events
```

See Configuration Settings for details on how the application and component settings affect the plug-in.

Configuration Settings

Application Settings

Application settings are used to configure all instances of a plug-in within an application. These settings are accessed by editing the plug-in within the Shared Components. This plug-in has the following application settings:

Theme

Use this setting to control the basic color scheme of the calendar. If no theme is selected then the default theme will be used.

Tip: The Theme setting adds a link to a CSS file on the APEX page where the component is used. If possible, it's best to manually add the link to the CSS file in the page template where the component is used. This can improve performance/caching while decreasing the likelihood of a conflict due to another plug-in linking to a different CSS file. This setting can then be disabled by selecting the null value (- Select Theme-).

Tip: The plug-in is skinned using the jQuery UI CSS Framework . To learn more or create a custom theme visit: <http://docs.jquery.com/UI/Theming> and <http://jqueryui.com/themeroller>.

Component Settings

Component settings are used to configure an individual instance of a plug-in within an application. These settings are accessed by editing the component as you would a native APEX component. This plug-in has the following component settings:

Start Date Item

When the calendar refreshes, it requests a new set of events via Ajax. While making the request, the calendar specifies the start date and end date for which it needs events. This information can be used to filter the result set of events returned to the calendar.

Use this setting to specify the start date item name. The value of the start date will be bound into session state before the events query is executed.

End Date Item

When the calendar refreshes, it requests a new set of events via Ajax. While making the request, the calendar specifies the start date and end date for which it needs events. This information can be used to filter the result set of events returned to the calendar.

Use this setting to specify the end date item name. The value of the end date will be bound into session state before the events query is executed.

About SkillBuilders and the Author

About SkillBuilders

SkillBuilders is known for excellent IT training and consulting. Our instructors are always industry-tested experts and outstanding teachers who have set an unsurpassed standard of excellence. SkillBuilders' roots can be traced to 1985 when our founder, Dave Anderson, embarked on his career as an independent IT consultant, instructor, and author. Dave and his colleagues built a small, energetic and growing company, headquartered in South Kingstown, RI.

About the Author

Dan McGhan



Dan is a Senior Developer and Instructor with SkillBuilders. He suffers from Compulsive Programming Disorder which is believed to be linked to his balding. Having started his development career in the land of MySQL and PHP, he was only too happy to have stumbled upon APEX. Since then, he's dedicated his programming efforts to learning more about Oracle and web based technologies in general.

Dan is an Oracle Application Express Certified Expert, an Oracle PL/SQL Developer Certified Associate, as well as an Oracle ACE. In addition to his "day job", he is one of the top contributors to the APEX forum, maintains his own Oracle and APEX blog, and is a regular presenter at various events and user group meetings including ODTUG Kaleidoscope and APEXposed, the New York, New England, and Suncoast Oracle User Groups. His most recent addiction, as you may have guessed, is developing plug-ins for APEX.

When not programming, Dan may be found studying languages other than those used for development, notably Spanish and Italian. He's also been sited at various venues dancing Salsa with his wife, Sonia, and even enjoying an occasional cigar, a time when Sonia prefers not to be around.