

Library Hours Plugin

Charles Brown-Roberts Programmer, University of Miami Libraries July 23, 2015



Goals

Develop a Wordpress plugin that enables users to quickly and easily create academic calendars for multiple branch libraries.

Design a weekly view, upcoming view, and holiday/exceptions view.

Integrate into a responsive wordpress website.



Legacy System

A separate home-grown PHP program that forced calendar creators to go through a laborious process to create a new calendar for each distinct period of time whether it be a holiday, shortened hours, or new semester.

Weekly Calendar

This Week's Hours	Exceptions Upcoming	
Monday	07/13/2015	07:30 am - 09:00 pm
Tuesday	07/14/2015	07:30 am - 09:00 pm
Wednesday	07/15/2015	Closed*
Thursday	07/16/2015	07:30 am - 09:00 pm
Friday	07/17/2015	07:30 am - 06:00 pm
Saturday	07/18/2015	09:00 am - 06:00 pm
Sunday	07/19/2015	12:00 pm - 06:00 pm

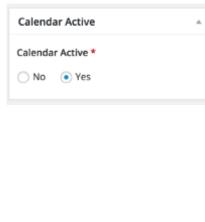
This Week's Hours	Exceptions	Upcoming
Exceptions to the R	ichter Library	Building Hours
Day		Library Hours
holiday 3279		Jul 3 (Fri) Closed
holiday 3280		Jul 15 (Wed) Closed
holiday 3281		Jul 28 (Tue) Closed
holiday 3277		Aug 5 (Wed) Closed

Holidays/Exceptions

Upcoming Calendar

			Tur		Thu		1 -1
Sun	28	Mon 29	Tue 30	Wed 1	Thu 2	Fri	Sat
12:00 pm - 6:00		7:30 am - 9:00 pm			7:30 am - 9:00 pm		9:00 am - 6:00 pm
2:00 pm - 6:00	5	6 7-30 am - 9-00 am	7-30 am - 9:00 am	8 7:30 am - 9:00 pm	9 7-30 am - 9-00 am		9:00 am - 6:00 pm
	12	13	14	15	16	17	
2:00 pm - 6:00		7:30 am - 9:00 pm		Closed			9:00 am - 6:00 pm
2:00 pm - 6:00	19 pm	20 7:30 am - 9:00 pm		22 7:30 am - 9:00 pm	23 7:30 am - 9:00 pm		9:00 am - 6:00 pm
	26	27	28	29	30	31	
12:00 pm - 6:00	pm	7:30 am - 9:00 pm	Closed	7:30 am - 9:00 pm	7:30 am - 9:00 pm	7:30 am - 6:00 pm	9:00 am - 6:00 pr

Set Parameters

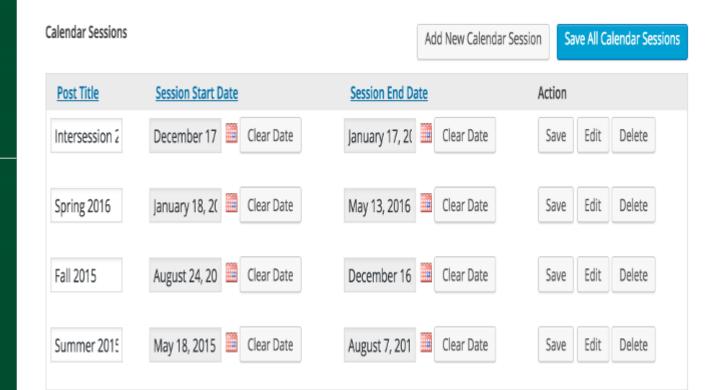


Calendar Period	*
Calendar Period	
Academic Year 2015	
Calendar Period Start	
06/01/2015	
Calendar Period End	
05/31/2016	

Schedule Types	
Schedule Type	
Branch	\$



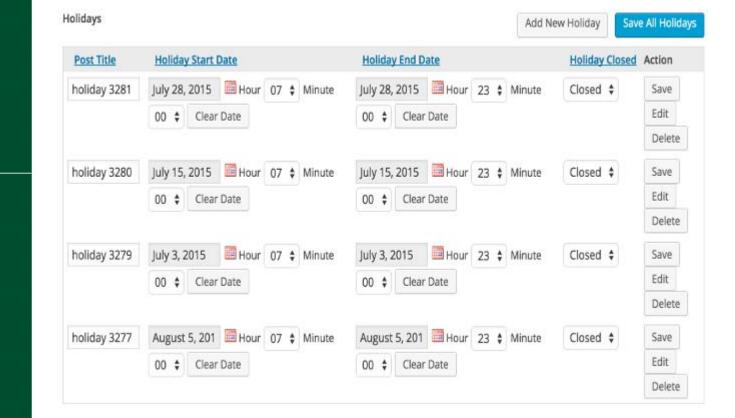
Calendar Sessions



Set Daily Hours

Monday Start Time	Monday End Time
7:30 am	9:00 pm
Monday Start Time	Tuesday End Time
Time 7:30 am	9:00 pm
Hour 7 am 🛊	
Minute 30 \$	Wednesday End Time
Now Done	9:00 pm
Thursday Start Time	Thursday End Time
7:30 am	9:00 pm
Friday Start Time	Friday End Time
7:30 am	6:00 pm
Saturday Start Time	Saturday End Time
9:00 am	6:00 pm
Sunday Start Time	Sunday End Time
12:00 pm	6:00 pm

Set Holidays/Exceptions





Lessons Learned

The first iteration was designed to create calendars by semester.

Issue brought to light: Because we are a research university it is important for visiting researchers to be able to easily see the library schedule semesters in advance.

Solution: Enable calendars to cover an arbitrary period of time according to known timetables. This is enables the upcoming calendar to be viewed as far out as possible.



</ThankYou>

Charles Brown-Roberts charlesbrownroberts@miami.edu @californiavol