

Postcalendar

Status of this Memo

This memo provides information for the Xaraya community. It does not specify an Xaraya standard of any kind. Distribution of this memo is unlimited.

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Abstract

The contents of this RFC contain the literal content of the old plain text version of RFC-0015

When time is a less scarcer good, someone might convert the plain text into structured XML so we can benefit from it.

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1. Introduction

All ?xxx numbers refer to the basic documents in section 7.

We read through the articles on <http://www.bahraini.tv> and <http://www.alyousif.tv>, bahraini.tv's forum threads, and feature requests on sourceforge.

The following RFC is a first summary and contains some solution proposals either compiled from feature requests received through the forums and sf tracker or other general comments.

2. List of requirements for PostCalendar

Following is a list of requirements broadly grouped into categories.

Same as PostNuke .71+

3. Solution proposals - database tables

The following is the current table structure, which I honestly feel needs to go through a redesign.

```
CREATE TABLE $prefix_postcalendar_events (
  pc_eid bigint(20) NOT NULL auto_increment,
  pc_aid varchar(30) NOT NULL default '',
  pc_title varchar(150) default NULL,
  pc_time datetime default NULL,
  pc_hometext text,
  pc_comments int(11) default '0',
  pc_counter mediumint(8) unsigned default NULL,
  pc_topic int(3) NOT NULL default '1',
  pc_informant varchar(20) NOT NULL default '',
  pc_eventDate date NOT NULL default '0000-00-00',
  pc_endDate date NOT NULL default '0000-00-00',
  pc_recurrtype int(1) NOT NULL default '0',
  pc_recurrspec int(3) default NULL,
  pc_startTime time default NULL,
  pc_endTime time default NULL,
  pc_alldayevent int(1) NOT NULL default '0',
  pc_barcolor char(1) default NULL,
  pc_location varchar(50) default NULL,
  pc_conttel varchar(12) default NULL,
  pc_contname varchar(50) default NULL,
  pc_contemail varchar(50) default NULL,
  pc_website varchar(50) default '',
  pc_fee varchar(50) default NULL,
  pc_recurrfreq int(3) NOT NULL default '0',
  pc_eventstatus int(3) NOT NULL default '0',
  PRIMARY KEY (pc_eid)
) TYPE=MyISAM;
```

Proposed changes are :

- + Store all dates as UNIX Timestamps.
- + change the table design.
- + add new columns for better repeating events handling (duration, etc.)
- + Add a new \$prefix_postcalendar_user_settings table to store a user's personal calendar settings.
- + Add a new \$prefix_postcalendar_event_type table to store the categories/event type descriptions can this use any core functionality? topics/section?

4. Solution proposals - functions

Integrate a better date checker in pcAPI.

See http://www.phpinsider.com/php/code/Date_Calc/

Integrate a template system for calendar display?

See <http://www.phpinsider.com/php/code/Smarty/>

Creation of a more robust pcAPI that can be used in other modules.

5. Relationship to other areas

Add ability to submit event as a story Integrate with user settings for calendar prefs

6. Code that will need to be rewritten

Event edit/submit form to be more intuitive and also support a more robust repeating events system

SQL routines for SELECT,UPDATE,INSERT,DELETE in order to accomodate the new repeating events functionality.

Display routines.

7. Basic documents for this RFC

[1]

8. Tools that need to be created from scratch

9. Retractions

We list features that were considered but rejected for this API below.

10. Changelog

1.0 (April 5, 2002)

Initial Version