Notes for Coders

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Abstract:

Zambia is a piece of Conference Management Software. This document is a general guide assisting in the way of programming the Zambia FFF-branch instance for your conference. This is still a work in progress.

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Contents

1 Files

We need consistency, so here is the plan:

1.1 contains configuration information that each conference should set: Local/db_name.php

1.2 contains css information: Common.css ParticipantSection.css StaffSection.css

1.3 auto generated files that display a page (aka you can link to them)

lowercasewithnounderscores.php **No Longer Used!**

1.4 contains functions and constants that other pages use (not autogenerated)

lower_with_underscore_functions.php db_functions.php # for database related functions data_functions.php validate_functions.php render_functions.php

1.5 file that displays a page and can be linked to (not autogenerated)

StrongCaps.php BrainstormStrongCaps.php # for brainstorm pages StaffStrongCaps.php # for staff only pages ParticipantStrongCaps.php # for Participant only pages CommonStrongCaps.php # pages used by at least 2 different groups

1.6 file that processes a post operation, but calls a separate file to

display the results (deprecated?) SubmitStongCaps.php

1.7 file that processes a post operation and display the results

(often by calling a function that is elsewhere) StrongCaps_POST.php

1.8 file that contains functions used by a page of the same name

(and not elsewhere. If it is used elsewhere it needs to move) StrongCaps_FNC.php

1.9 shell script for report generation: gencsv.sh genindex.sh genreports.sh

2 Interesting hacks

2.1 Presenter only

To end up with either a blank, or just the presenter (no aidedecamp, introducer, or volunteer) in a group_concat use: group_concat(if(volunteer=0 and introducer=0 and aidedecamp=0,pubsname,NULL) SEPARATOR " - ") AS 'Participants' or group_concat(if(volunteer=0 and introducer=0 and aidedecamp=0,pubsname,NULL), if(moderator=1,' (M)','')) order by moderator DESC, pubsname SEPARATOR " - ") AS 'Participants' It's much easier and cleaner than doing the whole sub-SELECT thing, or

limiting it with: volunteer=0 AND introducer=0 AND aidedecamp=0 group_concat(' ',P.pubsname, if(moderator=1,' (M)','')) order by moderator, pubsname

2.2 Duration

This is what we have standardized on for the duration printing: CASE WHEN HOUR(duration) < 1 THEN concat(date_format(duration,'%i'),'min') WHEN MINUTE(duration)=0 THEN concat(date_format(duration ELSE concat(date_format(duration,'%k'),'hr ',date_format(duration,'%i'),'min') END AS Duration,

2.3 Time compare

time_to_sec(starttime) < time_to_sec("19:30:00") compares two times.

2.4 Row count

select @rownum:=@rownum+1 AS "Order", title from Sessions, (SELECT @rownum:=0) AS R or with more complexity, and applicability: concat("<INPUT type=\"checkbox\" name=\"del",@rownum:=@rownum+1, value=\"1\"><INPUT type=\"hidden\" name=\"row",@rownum,"\" value=\"",scheduleid,"\"><INPUT type=\"hidden\" name=\"rowsession",@rownum,"\" value=\"",sessionid,"\">") AS "Delete",

2.5 Previous con

LEFT JOIN (SELECT GROUP_CONCAT(conid, " - ", interestedtypename) AS previous, badgeid FROM $ReportDB.Interested JOIN $ReportDB.InterestedTypes USING (interestedtypeid) WHERE conid!=$conid GROUP BY badgeid) PV USING (badgeid)

2.6 Alternate Roles

LEFT JOIN (SELECT email, GROUP_CONCAT("<A HREF=StaffEditCreateParticipant.php?action=edit&partid=" SEPARATOR ", ") AS altrole UMFRAY $ReportDB.UserHasPermissionRole JOIN $ReportDB.PermissionRoles USING (permroleid) JOIN $ReportDB.CongoDump USING (badgeid) WHERE conid=$conid AND permrolename NOT IN ('Vendor') GROUP BY badgeid) AR USING (email)

2.7 Multi-select boxes

need the specail "close" button to work (from the javascript file) as well as the mapping to a multi-box, and the "src" and "dest" set up properly. All expect the conid now, so that has to be ported. The "SessionHas" can be in either for the nonce. Check the db_functions and the data_functions files as well, to make sure those are going to work.