

Nov 11, 02 15:58	gedXML.php	Page 1/7
0	<?php	
1	/* File: dsp_gedXMLImport.inc Created: 10/11/2002	
2	By Matthew A Page	
3	for Genealogy Web Project	
4	*/	
5		
6	// Variables to count what we process	
7	\$numPeople = 0;	
8	\$numMarriage = 0;	
9	\$numChristenings = 0;	
10	\$numBaptisms = 0;	
11		
12	// Functions to work with the XML file	
13		
14	// loop through nodes of \$parent to get content	
15	function get_content(\$parent)	
16	{	
17	\$nodes = \$parent->children();	
18	while(\$node = array_shift(\$nodes))	
19	if (\$node->type == XML_TEXT_NODE)	
20	return \$node->content;	
21	return "";	
22	}	
23		
24	// loop through nodes of \$parent to look for the tag \$name	
25	// when we find \$name, call get_content to get the text	
26	function find_content(\$parent, \$name)	
27	{	
28	\$nodes = \$parent->children();	
29	while(\$node = array_shift(\$nodes))	
30	if(\$node->tagname == \$name)	
31	return get_content(\$node);	
32	return "";	
33	}	
34		
35	// loop through nodes of \$parent until we find tag \$name, return	
36	// attribute \$attr	
37	function find_attr(\$parent, \$name, \$attr)	
38	{	
39	\$nodes = \$parent->children();	
40	while(\$node = array_shift(\$nodes))	
41	if(\$node->tagname == \$name)	
42	return \$node->get_attribute(\$attr);	
43	return "";	
44	}	
45		
46	// loop through \$parent until we find node \$name, return that node	
47	function get_node(\$parent, \$name)	
48	{	
49	\$nodes=\$parent->children();	
50	while(\$node = array_shift(\$nodes))	
51	{	
52	if(\$node->tagname == \$name)	
53	return \$node;	
54	}	
55	return "";	
56	}	
57		
58	// Loop through each \$Person in \$Family and return Person->ID = \$id	
59	function getPerson(\$Family,\$id)	
60	{	
61	// get Person record with ID = id	
62	foreach (\$Family as \$Person)	
63	if (\$Person->ID == \$id)	
64	return \$Person;	
65	return "";	
66	}	
67		
68	// the next three functions are for adding information to already create	

Nov 11, 02 15:58	gedXML.php	Page 2/7
d people		
69		
70	// find person with id=\$ID and add \$fid to their record as the family I	
71	D	
72	// (the family to which they belong as a child)	
73	function addFamilyID(&\$Peeps, \$ID, \$fid)	
74	{	
75	for(\$i=0;\$i<count(\$Peeps);\$i++)	
76	{	
77	if (\$Peeps[\$i]->ID == \$ID)	
78	{	
79	\$Peeps[\$i]->setFamIDChild(\$fid);	
80	break;	
81	}	
82	}	
83		
84	// find person with id=\$ID and add \$fid as the fathers ID	
85	function addFatherID(&\$Peeps, \$ID, \$fid)	
86	{	
87	for(\$i=0;\$i<count(\$Peeps);\$i++)	
88	{	
89	if (\$Peeps[\$i]->ID == \$ID)	
90	{	
91	\$Peeps[\$i]->father = \$fid;	
92	break;	
93	}	
94	}	
95	}	
96		
97	// find person with id=\$ID and add \$mid as the mothers ID	
98	function addMotherID(&\$Peeps, \$ID, \$mid)	
99	{	
100	for(\$i=0;\$i<count(\$Peeps);\$i++)	
101	{	
102	if (\$Peeps[\$i]->ID == \$ID)	
103	{	
104	\$Peeps[\$i]->mother = \$mid;	
105	break;	
106	}	
107	}	
108	}	
109		
110	// for testing purposes, delete the records we are about to add	
111		
112	function deleteOldRecords()	
113	{	
114	\$genealogy = mysql_connect('localhost','genealogy','genealogy');	
115	if (!\$genealogy) {die ("MySQL connection failed!");}	
116	mysql_select_db("genealogy",\$genealogy);	
117	\$deleteQry = mysql_query("DELETE from tblFamily where ID >= 5", \$genealogy);	
118	\$deleteQry = mysql_query("DELETE from tblPerson where ID >= 12", \$genealogy);	
119	}	
120		
121	// the month formats in the XML doc come in all varieties, this convert	
122	s the	
123	// month from a text [jan, Jan, JAN, January, JANUARY] to a numeric 1,	
124	if	
125	// the month is already numeric, it just returns it as is.	
126	function formatMonth(\$month)	
127	{	
128	\$month = trim(\$month);	
129	//print \$month . " ";	
130	if (is_int(\$month)) return \$month;	
131	\$newMonth = strtoupper(substr(\$month,0,3));	
	\$monthNum = '';	
	if(\$newMonth)	

Nov 11, 02 15:58	gedXML.php	Page 3/7
132	{	
133	switch (\$newMonth)	
134	{	
135	case 'JAN':	
136	\$monthNum = '01';	
137	break;	
138	case 'FEB':	
139	\$monthNum = '02';	
140	break;	
141	case 'MAR':	
142	\$monthNum = '03';	
143	break;	
144	case 'APR':	
145	\$monthNum = '04';	
146	break;	
147	case 'MAY':	
148	\$monthNum = '05';	
149	break;	
150	case 'JUN':	
151	\$monthNum = '06';	
152	break;	
153	case 'JUL':	
154	\$monthNum = '07';	
155	break;	
156	case 'AUG':	
157	\$monthNum = '08';	
158	break;	
159	case 'SEP':	
160	\$monthNum = '09';	
161	break;	
162	case 'OCT':	
163	\$monthNum = '10';	
164	break;	
165	case 'NOV':	
166	\$monthNum = '11';	
167	break;	
168	case 'DEC':	
169	\$monthNum = '12';	
170	break;	
171	default:	
172	\$monthNum = '';	
173	}	
174	}	
175	return \$monthNum;	
176	}	
177		
178	// Set up our classes to store people and family information	
179	class Person	
180	{	
181	var \$ID;	
182	var \$Name;	
183	var \$Gender;	
184	var \$DeathStatus;	
185	var \$mother;	
186	var \$father;	
187	var \$DOB;	
188	var \$christening;	
189	var \$death;	
190	var \$familyIDchild;	
191	var \$baptism;	
192		
193	function setFamIDChild(\$fid)	
194	{	
195	\$this->familyIDchild = \$fid;	
196	}	
197		
198	// Might be useful to print out everything we have for someone	
199	function printPerson()	
200	{	

Nov 11, 02 15:58	gedXML.php	Page 4/7
201	print " ID = " . \$this->ID . " ";	
202	print "Name = " . \$this->Name . " ";	
203	print "Gender = " . \$this->Gender . " ";	
204	print "DeathStatus = " . \$this->DeathStatus . " ";	
205	print "mother = " . \$this->mother . " ";	
206	print "father = " . \$this->father . " ";	
207	print "DOB = " . \$this->\$DOB . " ";	
208	print "christening = " . \$this->christening . " ";	
209	print "death = " . \$this->death . " ";	
210	print "familyIDchild = " . \$this->familyIDchild . " ";	
211	print "baptism = " . \$this->baptism . " ";	
212	}	
213	}	
214		
215	class Event	
216	{	
217	var \$ID;	// This families ID
218	var \$husbID;	// The husband/father of this family
219	var \$wifeID;	// The wife/mother of this family
220	var \$marriageDate;	// The marriage date of the husband and wife
221	var \$divorceDate;	// The divorce date (if any)
222		
223	// Set given data for this family	
224	function setData(\$newID, \$newhusbID, \$newwifeID, \$newmarriageDate)	
225	{	
226	\$this->ID = \$newID;	
227	\$this->husbID = \$newhusbID;	
228	\$this->wifeID = \$newwifeID;	
229	\$this->marriageDate = \$newmarriageDate;	
230	}	
231		
232	// Might be useful to print out everything we have on this marriage	
233	function printEvent()	
234	{	
235	print " In marriage " . \$this->ID . ", " . \$this->husbID . " ma	
236	ried " . \$this->wifeID . " on " . \$this->marriageDate . " ";	
237	}	
238		
239	// Open the XML document the person has chosen	
240	\$xmlDocFile = xmldocfile("includes/sample.xml");	
241	if(\$xmlDocFile)	
242	{	
243	\$rootXMLFile = \$xmlDocFile->root();	
244	\$nodechildren = \$rootXMLFile->children();	
245	\$rootchildren = \$rootXMLFile->children();	
246		
247	\$People = array();	
248	\$Family = array();	
249		
250	// delete the people we are about to add so we can start from a clean	
251	slate	
252	deleteOldRecords();	
253		
254	// First go through and pull all the individual names and the info we	
255	want	
256	foreach(\$rootchildren as \$rootchild)	
257	{	
258	if (\$rootchild->tagname == "IndividualRec")	
259	{	
260	\$IndivID = \$rootchild->get_attribute("Id");	
261	\$IndivName = get_node(\$rootchild, "IndivName");	
262	if (\$IndivName)	
263	{	
264	\$GivenName = find_content(\$IndivName, "GivenName");	
265	\$MaidenName = find_content(\$IndivName, "MaidenName");	
266	\$SurName = find_content(\$IndivName, "SurName");	
	\$DeathStatus = find_content(\$rootchild, "DeathStatus");	
	\$Gender = find_content(\$rootchild, "Gender");	

Nov 11, 02 15:58	gedXML.php	Page 5/7
267	\$CompleteName = trim(\$GivenName) . " /";	
268	if( \$Gender == "F" ) \$CompleteName .= trim(\$MaidenName) . "	
269	/*; else \$CompleteName .= trim(\$SurName). " /";	
270	\$person = new Person;	
271	\$person->ID = \$IndivID;	
272	\$person->Name = \$CompleteName;	
273	\$person->Gender = \$Gender;	
274	\$person->DeathStatus = \$DeathStatus;	
275	\$person->familyIDchild = "Bite me";	
276	array_push(\$People,\$person);	
277	\$numPeople++;	
278	}	
279	}	
280	if (\$rootchild->tagname == "EventRec")	
281	{	
282	\$EventID = \$rootchild->get_attribute("Id");	
283	\$EventType = \$rootchild->get_attribute("Type");	
284		
285	if (\$EventType == "marriage")	
286	{	
287	\$EventChildren = \$rootchild->children();	
288	foreach(\$EventChildren as \$Participant)	
289	{	
290	if (\$Participant->tagname == "Participant")	
291	{	
292	\$Role = find_content(\$Participant, "Role");	
293	\$Id = find_attr(\$Participant, "Link", "Ref");	
294		
295	if (\$Role == 'husband') \$husbFath = \$Id;	
296	if (\$Role == 'wife') \$wifeMoth = \$Id;	
297	if (\$Role == 'child')	
298	{	
299	addFamilyID(\$People, \$Id, \$EventID);	
300	if (\$husbFath) addFatherID(\$People, \$Id, \$husbFath)	
301	if (\$wifeMoth) addMotherID(\$People, \$Id, \$wifeMoth)	
302	;	
303	}	
304	}	
305	\$dateNode = get_node(\$rootchild,"Date");	
306	\$newYear = trim(find_content(\$dateNode,"Year"));	
307	\$newMonth = formatMonth(trim(find_content(\$dateNode,"Month")	
308	));	
309	\$newDay = trim(find_content(\$dateNode,"Day"));	
310	\$eventDate = \$newYear . "-" . \$newMonth . "-" . \$newDay;	
311	\$event = new Event;	
312	\$event->setData(\$EventID, \$husbFath, \$wifeMoth, \$eventDate);	
313	array_push(\$Family,\$event);	
314	\$numMarriage++;	
315	}	
316	if (\$EventType == "christening")	
317	{	
318	\$EventChildren = \$rootchild->children();	
319	foreach(\$EventChildren as \$Participant)	
320	{	
321	if (\$Participant->tagname == "Participant")	
322	{	
323	\$Role = find_content(\$Participant, "Role");	
324	\$Id = find_attr(\$Participant, "Link", "Ref");	
325		
326	//print "Participant Role = \$Role ID = \$Id ";	
327	if (\$Role == 'husband') \$husbFath = \$Id;	
328	if (\$Role == 'wife') \$wifeMoth = \$Id;	
329	}	
330	}	
331	\$dateNode = get_node(\$rootchild,"Date");	

Nov 11, 02 15:58	gedXML.php	Page 6/7
332	if (\$dateNode)	
333	{	
334	\$newYear = trim(find_content(\$dateNode,"Year"));	
335	\$newMonth = formatMonth(trim(find_content(\$dateNode,"Mont	
336	h")));	
337	\$newDay = trim(find_content(\$dateNode,"Day"));	
338	\$eventDate = \$newYear . "-" . \$newMonth . "-" . \$newDay;	
339	\$newEventDate = date("Y-m-d",\$eventDate);	
340	\$numChristening++;	
341	}	
342		
343	if (\$EventType == "baptism")	
344	{	
345	\$EventChildren = \$rootchild->children();	
346	foreach(\$EventChildren as \$Participant)	
347	{	
348	if (\$Participant->tagname == "Participant")	
349	{	
350	\$Role = find_content(\$Participant, "Role");	
351	\$Id = find_attr(\$Participant, "Link", "Ref");	
352		
353	//print "Participant Role = \$Role ID = \$Id ";	
354	if (\$Role == 'baptisee') \$baptisee = \$Id;	
355	}	
356	}	
357	\$dateNode = get_node(\$rootchild,"Date");	
358	if (\$dateNode)	
359	{	
360	\$newYear = trim(find_content(\$dateNode,"Year"));	
361	\$newMonth = formatMonth(trim(find_content(\$dateNode,"Mont	
362	h")));	
363	\$newDay = trim(find_content(\$dateNode,"Day"));	
364	\$eventDate = \$newYear . "-" . \$newMonth . "-" . \$newDay;	
365	\$newEventDate = date("Y-m-d",\$eventDate);	
366	\$numBaptism++;	
367	}	
368	}	
369	}	
370		
371	// Debug: Print out all People and Events	
372	foreach (\$People as \$Person)	
373	{	
374	\$Person->printPerson();	
375	}	
376		
377	foreach (\$Family as \$event)	
378	{	
379	\$event->printEvent();	
380	}	
381		
382		
383	\$newIDs = array();	
384	\$newEvents = array();	
385		
386	// Insert information into Database	
387	foreach (\$People as \$Person)	
388	{	
389	// make two passes, one creates the person and gets their unique I	
390	D	
391	// the next adds all the rest of the data (along with the	
392	// unique id's of the parents, families and such...	
393	\$insertQry = mysql_query("INSERT INTO tblPerson SET name='\$Person->	
394	Name', \$genealogy);	
395	if (!\$insertQry) { die ("insert Query failed!"); }	
396	// Now go back and grab the ID of the person we just created and a	
397	dd it to the newID array	
398	\$getIDQry = mysql_query("SELECT ID FROM tblPerson WHERE name='\$Per	

Nov 11, 02 15:58

gedXML.php

Page 7/7

```

son->Name'", $genealogy);
396     if (!$getIDQry) { die ("getID Query failed!"); }
397     $ref = mysql_fetch_row($getIDQry);
398     //print $Person->ID . " " . $ref[0] . "<br>";
399     $newIDs[$Person->ID] = $ref[0];
400 }
401
402 // add each event with the correct ID's from the first run
403 foreach ($Family as $Event)
404 {
405     $tempHusbID = $newIDs[$Event->husbID];
406     $tempWifeID = $newIDs[$Event->wifeID];
407     $tempDateCreated = date("Y-m-d");
408     $insertQry = mysql_query("INSERT INTO tblFamily SET husbID='$tempH
usbID',wifeID='$tempWifeID',marriageDate='$Event->marriageDate', dateCreated='$t
empDateCreated'", $genealogy);
409     if (!$insertQry) { die ("insert Query failed!"); }
410     $getIDQry = mysql_query("SELECT ID FROM tblFamily where husbID='$t
empHusbID' AND wifeID='$tempWifeID'", $genealogy);
411     if (!$getIDQry) { die ("getID Query failed!"); }
412     $ref = mysql_fetch_row($getIDQry);
413     $newEvents[$Event->ID] = $ref[0];
414 }
415
416 // Now go back through and add all the people data that we held off b
efore
417 foreach ($People as $Person)
418 {
419     $tempFatherID = $newIDs[$Person->father];
420     $tempMotherID = $newIDs[$Person->mother];
421     $tempFamID = $newEvents[$Person->familyIDchild];
422     $tempPersonID = $newIDs[$Person->ID];
423     $tempDateCreated = date("Y-m-d");
424
425     $modifyQry = mysql_query("UPDATE tblPerson SET father='$tempFather
ID',mother='$tempMotherID',familyIDchild='$tempFamID', gender='$Person->Gender',
deceased='$Person->DeathStatus', DOB='$Person->DOB',christening='$Person->christ
ening',death='$Person->death',dateCreated='$tempDateCreated', baptism='$Person->
baptism' WHERE ID='$tempPersonID'", $genealogy);
427     print "UPDATE tblPerson SET father='$tempFatherID',mother='$tempMo
therID',familyIDchild='$tempFamID', gender='$Person->Gender',deceased='$Person->
DeathStatus', DOB='$Person->DOB',christening='$Person->christening',death='$Pers
on->death',dateCreated='$tempDateCreated', baptism='$Person->baptism' WHERE ID='$
tempPersonID' <br>";
428     if (!$modifyQry) { die ("modify Query failed!"); }
429 }
430
431 // print out statistics
432 print "<table>";
433 print "<tr><td colspan=2>Number of -</tr>";
434 print "<tr><td></td><td>people records created - $numPeople</td><br>"
;
435 print "<tr><td></td><td>marriage records created - $numMarriage</td><
br>";
436 print "<tr><td></td><td>christening records created - $numChristening
s</td><br>";
437 print "<tr><td></td><td>baptism records created - $numBaptims</td><br
>";
438 print "</table>";
439 }
440 else
441 {
442     print "Could not load file.<br>";
443 }

```