

# April 2014 Features Update

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## Global

All of the functionality formerly included in the include file `formUtil.inc` has been superseded by functionality in various classes, in particular the class `Page` and the file is no longer referenced. A dummy file remains to record the update history.

The method `Record::save` which updates or inserts a record into the database on behalf of most classes now updates the logged version of an INSERT command that updated the auto-increment key of those classes that use one, which is most of the classes in the family tree portion of the database, so the logged version of the command contains the actual key value assigned, rather than the expression to calculate the key value. The expression returns a different value each time it is called, so the version of the INSERT command containing the expression was not reproducible when the SQL command log is used to restore or synchronize the database.

## Family Tree Enhancements

The process of creating and updating citations is improved. As soon as you click on “Add Citation” a partial selection list for sources now appears containing the last used source. You no longer have to wait for the complete selection list to be populated with information from the database server if that source is desired. Furthermore the citation page identification field may now be modified directly, saving the effort of clicking on “Details”. Any changes made to the page identification field in any citation are applied to the citations when the rest of the updates on the form are applied.

The script `reqReportIndivids.php`, used to display a selected set of fields from instances of `LegacyIndiv` matching a set of conditions, is enhanced to add the ability to search based upon christening date, buried date, or the date of an individual event as recorded in a `LegacyEvent` record.

**Request Report on Individuals** [? Help](#)

**Fields:** Choose fields to include  
Link to Details  
Person ID from FamilySearch  
Surname  
Surname Soundex Code  
GivenName  
Name Prefix  
Name Title  
Name Note  
Gender

**Order By:** Choose fields to sort on  
Numeric Key  
Person ID from FamilySearch  
Surname  
Surname Soundex Code  
GivenName  
Name Prefix  
Name Title  
Name Note  
Gender

**Chosen:**

**Chosen:**

**Given Name:** \_\_\_\_\_ **Surname:** \_\_\_\_\_

**Gender:** Don't Care ▾

**Birth Place:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Christening Place:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Event Place:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Death Place:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Buried Place:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Request**

*Illustration 1: Enhanced Request Report on Individuals*

A button is added to the Edit Name Fact dialog to permit explicitly editing an alternate name. Prior to this you could only delete and add an alternate name.

**Edit Name Fact for Katherine Roemmele** [? Help](#)

Surname:

Given Name:

Name Prefix:

Name Suffix:

Notes:   
 [Rich text editor toolbar with options for Bold, Italic, Underline, Text color, Background color, Font family, Font size, Format, Undo, Redo, Link, Unlink, Print, etc.]

Path:

**Citations:** **Source Name Details (Page)**

**Alternate Names**

Alternate Name: Catharine Reomlie

Alternate Name: Catherine Roemmell

New Surname:

New Given Name:

*Illustration 2: Edit Name Fact with Enhanced Support for Alternate Names*

The functionality for editing an alternate name is in a new script `editName.php`.

**Edit Alternate Name for Katherine Roemmele** [? Help](#)

Surname:

Given Name:

Name Prefix:

Name Suffix:

User Reference:

Order:

Preferred AKA:

Notes:   
 [Rich text editor toolbar with options for Bold, Italic, Underline, Text color, Background color, Font family, Font size, Format, Undo, Redo, Link, Unlink, Print, etc.]

Path:

**Citations:**

Source Name	Details (Page)
Birth Register, CA, Ontario	1883-19777

*Illustration 3: Edit Alternate Name Dialog*

A new script `updateName.php` is created to apply the updates to a specific instance of `LegacyName` entered on the Edit Alternate Name Dialog and return an XML document.

The performance of the method by which the list of locations which start with particular text was identified has been improved.

The class `LegacyAltName` is renamed to `LegacyName` to more accurately represent the use of this class. When constructing an instance of `LegacyName` with `Order=0`, which is the index entry for the primary name of the individual, the field `AKANote` is set to match the field `NameNote` from the individual. It is intended to eventually eliminate the duplication of information between the instance of `LegacyName` with `Order=0` and the instance of `LegacyIndiv` that it is associated with. This is a first step. The method `LegacyName::getNames` now returns an associative array indexed by `IDNX`.

A method `getName` is added to the classes `LegacyEvent` and `LegacyFamily` so that it may be called to obtain a string description of the event or family, just as the method `getName` is already provided by the classes `LegacyIndiv`, `LegacyName`, `LegacyLocation`, `LegacyAddress`, `LegacySource`, and `LegacyTemple`.

The class `LegacyCitationList` is replaced by an associative array of instances of `LegacyCitation` returned by `LegacyCitation::getCitations` or deleted by `LegacyCitation::deleteCitations`.

The script `getIndivXml.php`, which returns an XML document containing information from an instance of `LegacyIndiv` and associated records, is enhanced to have an additional parameter `includeNames=Y` which causes all of the associated instances of `LegacyName` to be presented in the output. This includes the married names, the primary name, and the alternate names.

The script `addCitXml.php`, which is invoked to add a citation to the database and return an XML document describing the update, is enhanced to validate the associated record key value to ensure that the resulting XML is always well formed.

## Census Database Enhancements

The constructor for the class `SubDistrict` now fully validates the census identifier parameter.

The method `Page::save` is changed to conform to the save methods in the other classes in logging the database update command. The value of the field `PT_Population` is also corrected. In the past since the update command was not logged, changes to the `Pages` table were lost when performing recovery or synchronizing databases.

## **Vital Statistics Enhancements**

On the Death Registration dialog the line containing the time that the individual lived at the place of death, in Ontario, and in Canada is not displayed for registration years prior to 1909 when a new form was introduced. The husband's name input field is initialized with the surname of the deceased if the deceased is a married woman. The father's name input field is initialized if the informant is the father of the deceased.

You can now do a death registration query with match on place of death.



## Bug Fixes

- As a result of an error in the implementation of the constructor for an instance of `LegacyCitation` introduced in March new citations were created when an existing citation should have been modified.
- An “undefined variable” error in the constructor for `LegacyName` is fixed.
- Debugging code in the global function `logSqlUpdate` that was trying to identify the cause of incomplete SQL commands failed because of an error in the throw of an exception.
- The incomplete SQL commands were the result of a problem in the code for replacing the expression used to assign a new auto-increment key in an INSERT command with the actual key value before logging the INSERT.
- The informant name on the Birth Registration dialog was not validated when the informant was set to match the father's name. This meant a valid informant name was displayed in red.
- Potential name matches on the Birth Registration dialog and the Death Registration dialog are now sorted.
- The validation of parameters to the script `MarriageRegUpdate.php`, which actually applies updates to the database, is enhanced to prevent damage to the database.
- The presentation of the year and registration number fields was incorrect in empty rows of the response to a Death Registration Query.