Prepping for LOINC/RELMA Class

Homework Tasks

- Download and install RELMA
  - www.LOINC.org
- Read (or skim) the RELMA manual
  - The manual downloads with the full install
- Create a matching spreadsheet

Running RELMA®

Slides downloaded and adapted with permission from: https://www.scribd.com/doc/249865347/2014-12-03-Laboratory-LOINC-and-RELMA-Workshop

Installing RELMA®

Installation Steps

- Requires Windows (or VM on a Mac)
- Make sure you have enough free disk space!
  - 2Gb is recommended
- From CD - Start – Run – <*drive*>:\RELMA\Setup
- Specify installation directory
  - Life will be easier if you accept the default
- Two database files installed
  - RELMA.MDB – LOINC Terms Database
  - LMOF3.MDB – Local Master Observation File
- Two sample files included
- Run from Start – (All) Programs – Regenstrief – RELMA

File Locations

- Database and Ancillary Files
  - Windows XP = C:\Documents and Settings\All Users\Documents\RELMA\
  - Windows Vista = C:\Users\Public\Documents\RELMA\
  - Windows 7, 8 = C:\Users\Public\Public Documents\RELMA\
- Sample files
  - Windows XP = C:\Documents and Settings\All Users\Documents\RELMA\Samples\
  - Windows Vista = C:\Users\Public\Documents\RELMA\Samples\
  - Windows 7, 8 = C:\Users\Public\Public Documents\RELMA\Samples\

Copyright Screen

The Regenstrief LOINC® Mapping Assistant (RELMA®)
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Copyright Notice and License

The LOINC® codes, LOINC® table (regardless of format), LOINC® Release Notes, LOINC® Changes File, and LOINC® Users' Guide are copyright © 1995-2014, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee. All rights reserved.

The RELMA® program, RELMA® database and associated search index files (subject to the copyright above with respect to the LOINC® codes and LOINC® table included therein), RELMA® Community

Continue

Log in
The Regenstrief LOINC® Mapping Assistant (RELMA®)
Copyright Regenstrief Institute, Inc. All rights reserved.
Boost your LOINCing and support a noble cause
Become a LOINC Premium Member today
http://members.loinc.org
Username
smatney
Password
Remember me
Do not show on start up
Register
Log in
Cancel

LOINC crowdsourcing

LOINC® from Regenstrief

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search

All of loinc.org

Log in New user?

Interoperable Data Exchange with LOINC - Learning from the Crowd

Tap into the wisdom of the LOINC crowd.

Over the past few months we've build a community mapping repository that stores mappings of local test codes to LOINC codes We added some exciting new features to RELMA that tap into that community wisdom.

crowd photo via jamescridland

RELMA now shows counts of how many others have mapped to a particular LOINC code and the names of those local tests/variables.

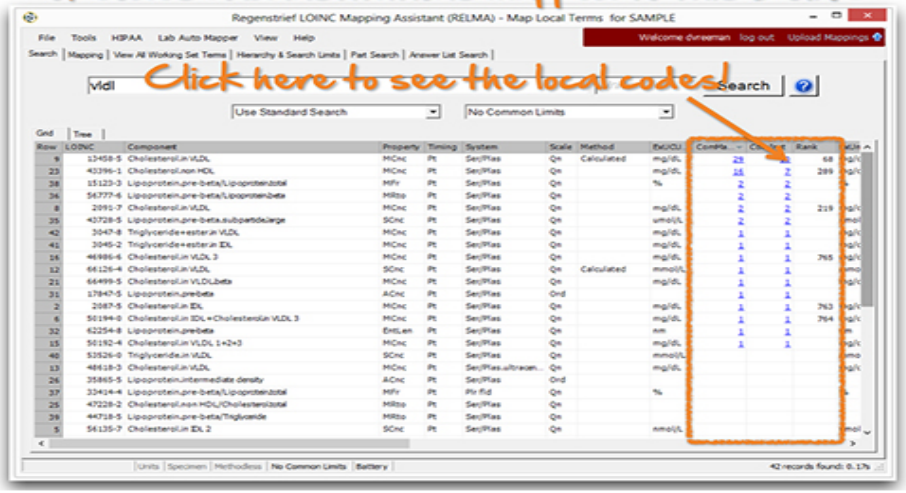
Plus, RELMA now makes it easy to add your mappings into the shared repository so others can benefit from what you've done.

We think these will be really helpful, particularly to novice LOINC mappers.

All you have to do to see these mappings is login to RELMA with your loinc.org credentials and they'll magically appear in your search results. Look for the ComMaps and ComInst columns!

# of codes and institutions mapped to this LOINC

Click here to see the local codes!



Current Versions

LOINC 2.48
Released: 2014-06-27

RELMA 6.6
Released: 2014-06-27

Download

Recent Forum Posts

Other Lab | Re: Cancer-specific panels and biomarkers

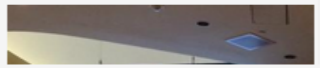
System Implementation | Re: Using LOINC to link results from labs

More posts...

Follow LOINC on Twitter

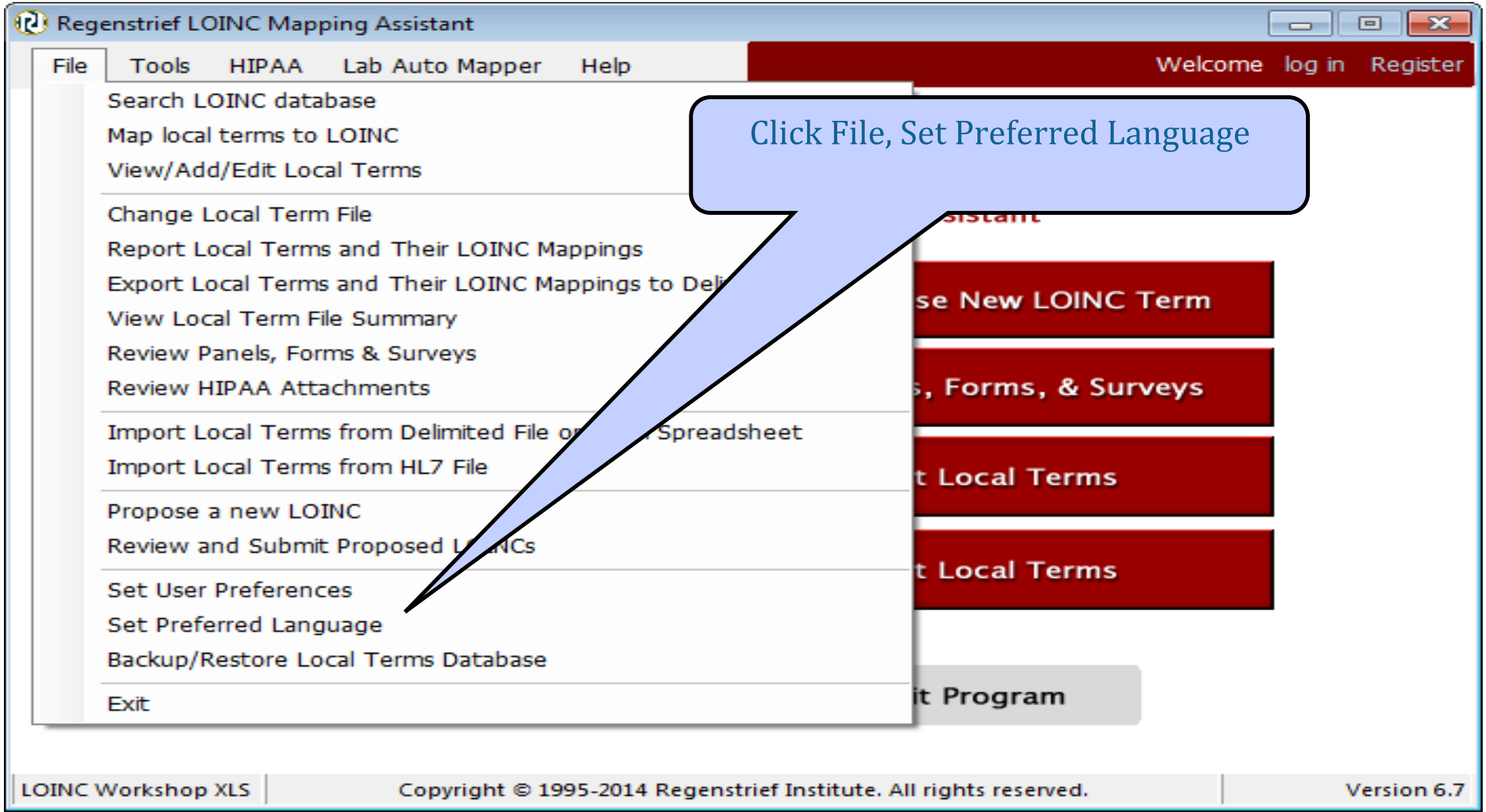
LOINC @LOINC 18 Nov

MT @djvreeman: Great work by @loincnurse and @westr006 enhancing nursing @LOINC content and new framework #AMIA2014 pic.twitter.com/Ov4vKSUos2



Main Menu/Welcome Screen

Set Preferred Language



Select Linguistic Variant(s)

Regenstrief LOINC Mapping Assistant (RELMA) - Preferred Linguistic Variant

RELMA supports multiple linguistic variants which can be displayed in the search results screen. You may select your prefered linguistic variant from the list below. You may change this setting later using this dialo

You may view all of the linguistic variants for a particular LOINC anytime usi

Additional information about linguistic variants, including full

http://loinc.org/international

NOTE - selecting a linguistic variant for searching may require the creation of one or more additional indexes. This process can take several minutes to complete, so please be patient. These indexes will need to be refreshed with each update to the LOINC data. Additionally, these index files will not be removed if RELMA is un-installed. You may safely delete these files at any time.

Selecting a translation may require indexes to be built

My preferred linguistic variant is...

Display	Search	Variant	Producer
☐	☐	Greek (GREECE)	Efstratia Kontaxi, MD, MSc, and Evripidis Stefanidis, MD, with technical su...
☐	☐	Italian (ITALY)	Consiglio Nazionale delle Ricerche
☐		Italian (SWITZERLAND)	CUMUL, Switzerland
☐	☐	Korean (KOREA, REPUBLIC OF)	Korean Ministry for Health, Welfare, and Family Affairs
☐	☐	Portuguese (BRAZIL)	HL7 Brazil Institute
☐	☐	Russian (RUSSIAN FEDERATI...	Yaroslavl State Medical Academy
☐	☐	Spanish (ARGENTINA)	Conceptum Medical Terminology Center
☑	☑	Spanish (SPAIN)	the Clinical Laboratory Committee of SERVICIO EXTREMEÑO DE SALUD,...
☐		Spanish (SWITZERLAND)	CUMUL, Switzerland

OK Cancel

LOINC Terms with Spanish Linguistic Variant

Regenstrief LOINC Mapping Assistant (RELMA) - Map Local Terms for LOINC Workshop OBR

File Tools HIPAA Lab Auto Mapper View Help

Welcome log in Register

Search | Mapping | View All Working Set Terms | Hierarchy & Search Limits | Part Search | Answer List Search

Local Term File

Next
Previous
First
Last

View: All

#: 1 of 190

Mapped to: Name: Local Term Details

OBR-4 Code: OBX-3 Code: Units: Sample Values: Limit to Default Specimen:

Click to add tag...

Accept or enter OBR name and/or OBX name

ALLERGY

Search

Show Words | Propose Term | Clear Inputs | Reset Limits

All Spanish!

Grid | Tree

Row	LOINC	Component	Property	Timing	System	Scale	Method	Rank		LongN...	ShortName	Ty
1	71375-0	(Alternaria...	Concentrac...	Punto...	Suero	Qn	Multidisco		ALLERGY	Inhala...	(Alternaria...	1
2	63199-4	(Anacardium...	Concentrac...	Punto...	Suero	Qn	Multi		ALLERGY	Food...	(Anacardiu...	1
3	63151-5	(Anacardium...	Concentrac...	Punto...	Suero	Qn	Multidisco		ALLERGY	Food...	(Anacardiu...	1
4	56331-2	(Anacardium...	Concentrac...	Punto...	Suero	Qn			ALLERGY	Food...	(Anacardiu...	1
5	71374-3	(Daucus...	Concentrac...	Punto...	Suero	Qn	Multidisco		ALLERGY	Food...	(Daucus...	1
6	71376-8	(Dermatophagoides...	Concentrac...	Punto...	Suero	Qn	Multidisco		ALLERGY	Inhala...	(Dermatop...	1
7	56781-8	(Pluma...	Concentrac...	Punto...	Suero	Ord	Multidisco		ALLERGY	Epider...	(Pluma...	1
8	11191-4	Abadejo (Pollachius...	Concentrac...	Punto...	Suero	Qn			ALLERGY	Pollock...	Abadejo...	1
9	21470-0	Abadejo (Pollachius...	Concentrac...	Punto...	Suero	Ord			ALLERGY	Pollock...	Abadejo...	1
10	41874-9	Abedul blanco...	Concentrac...	Punto...	Suero	Qn		1025	ALLERGY	White...	Abedul...	1
11	61227-5	Abedul blanco...	Fracción	Punto...	Suero	Qn			ALLERGY	White...	Abedul...	1
12	56422-9	Abedul blanco...	Concentrac...	Punto...	Suero	Qn			ALLERGY	White...	Abedul...	1
13	43841-6	Abedul blanco...	Concentrac...	Punto...	Suero	Ord			ALLERGY	White...	Abedul...	1

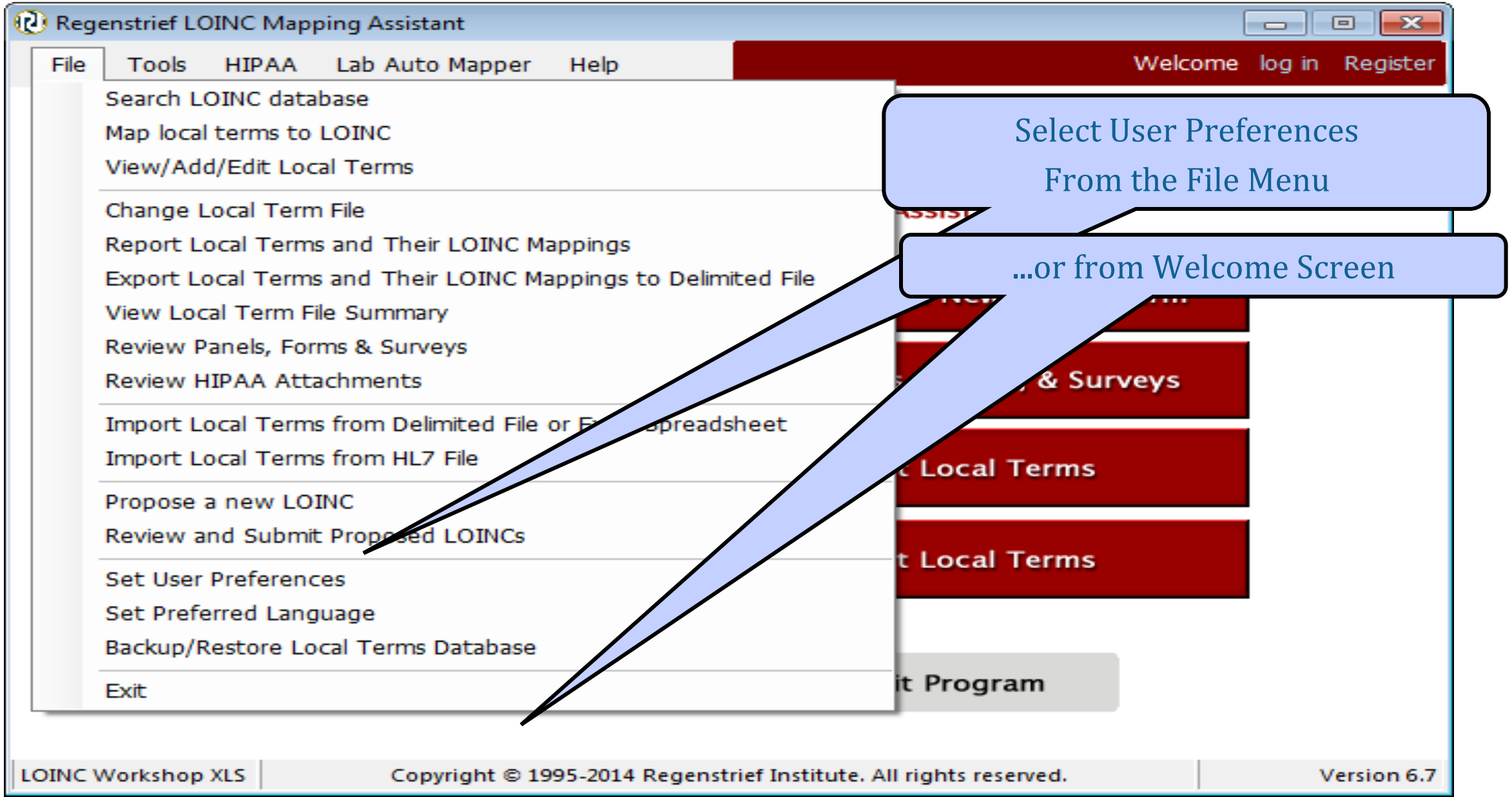
View Details
Print Grid
Map
Same
Export
Configure Export
Configure Grid

Truncated Text | Print Preview

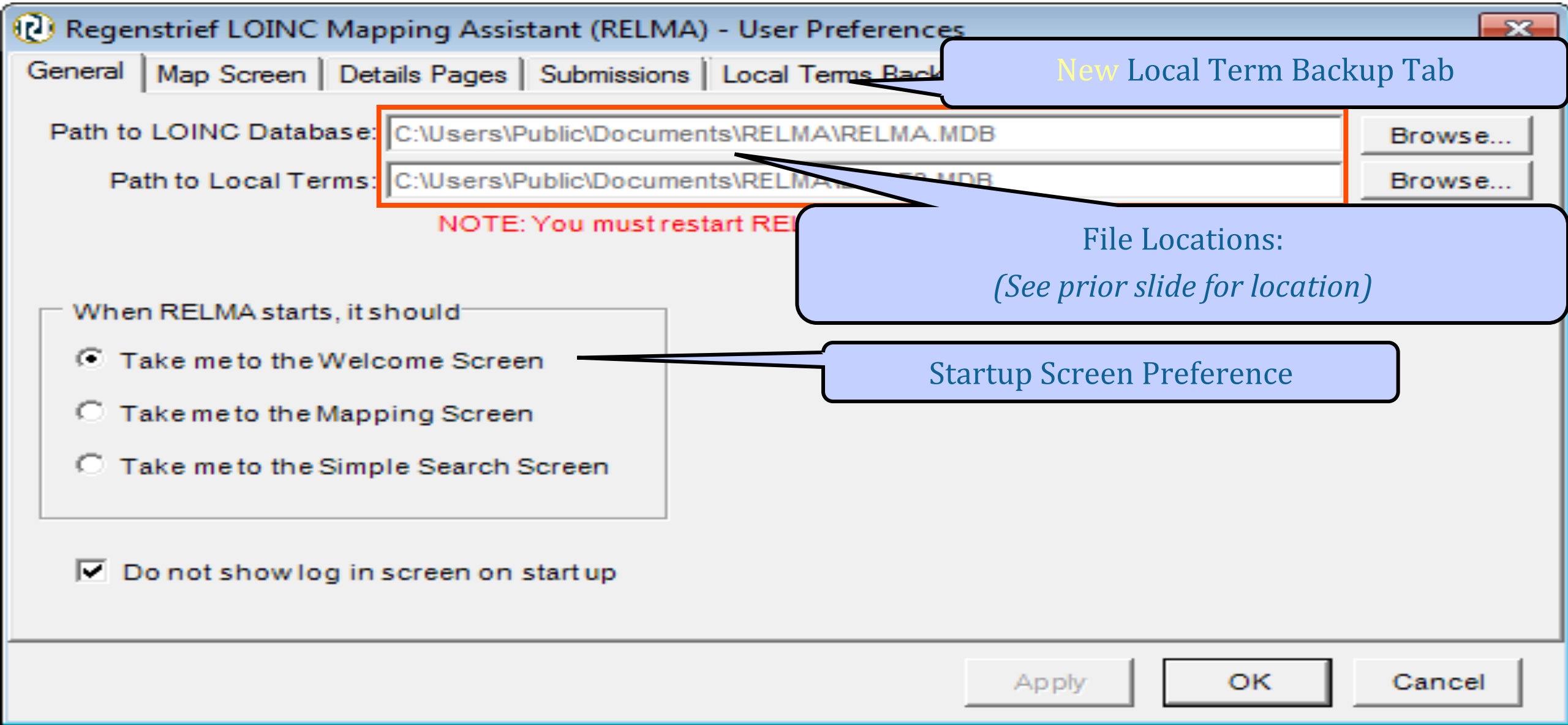
Entry #: 1 of 190 | Units | Specimen | Methodless | No Common Limits | Battery | 3773 records found: 0.24s

Setting User Preferences

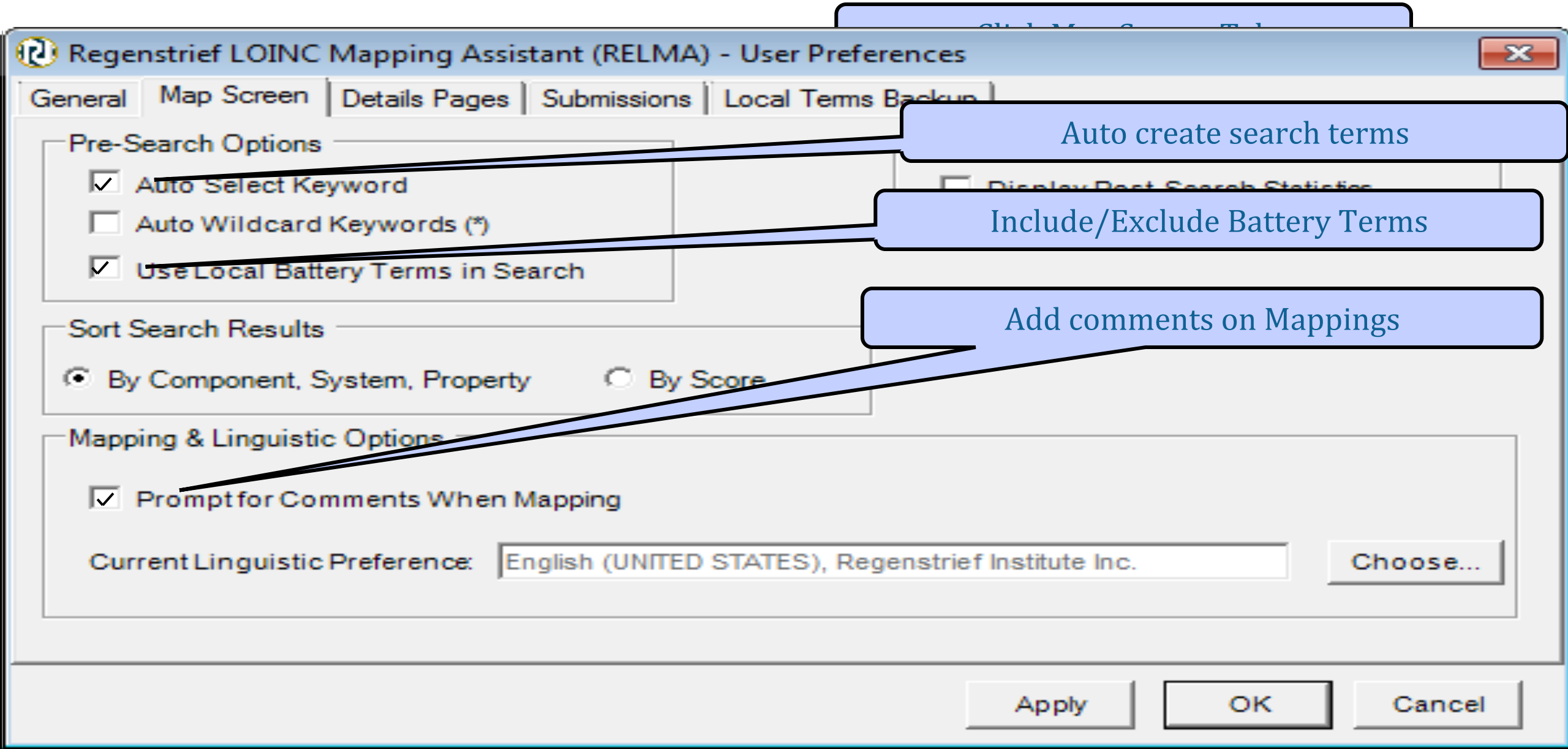
Set User Preferences



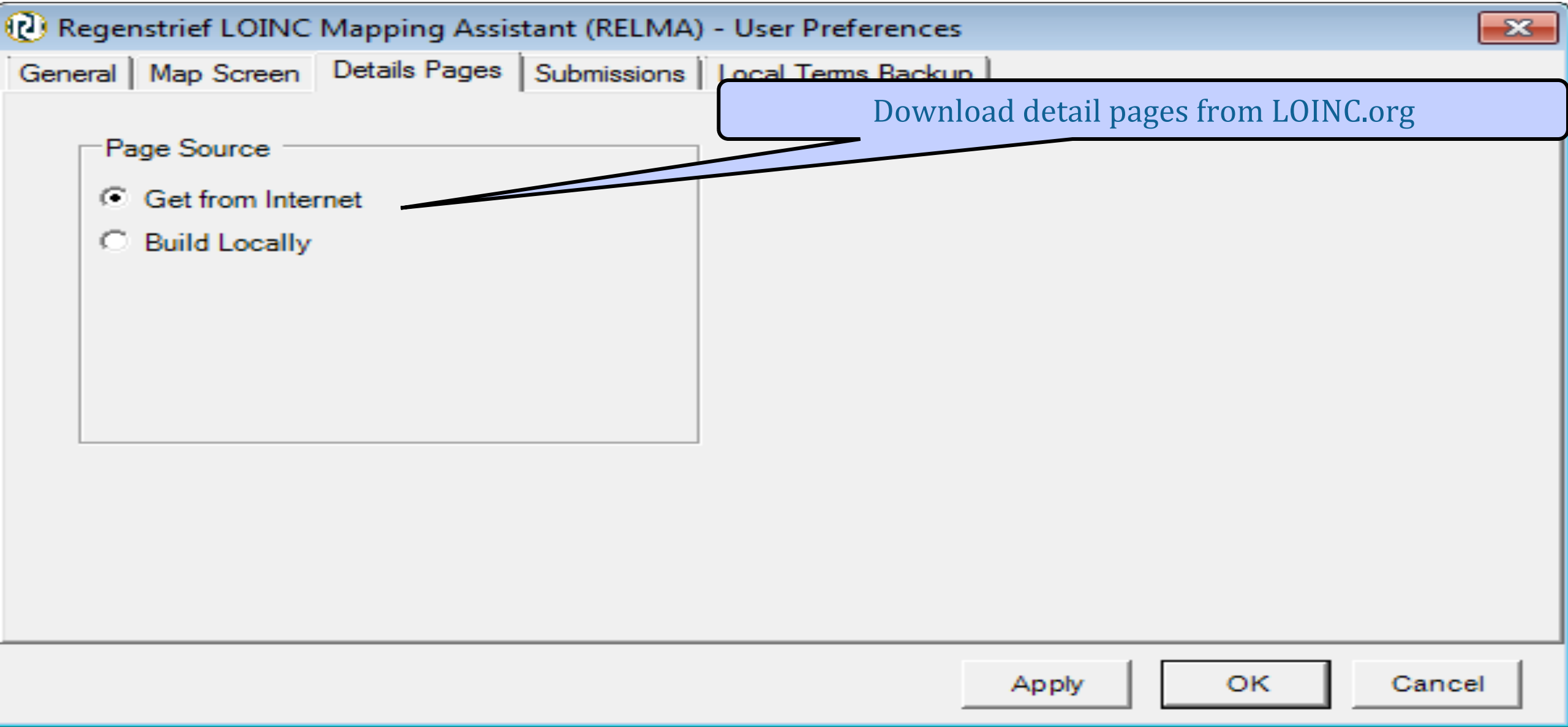
Set User Preference Dialog



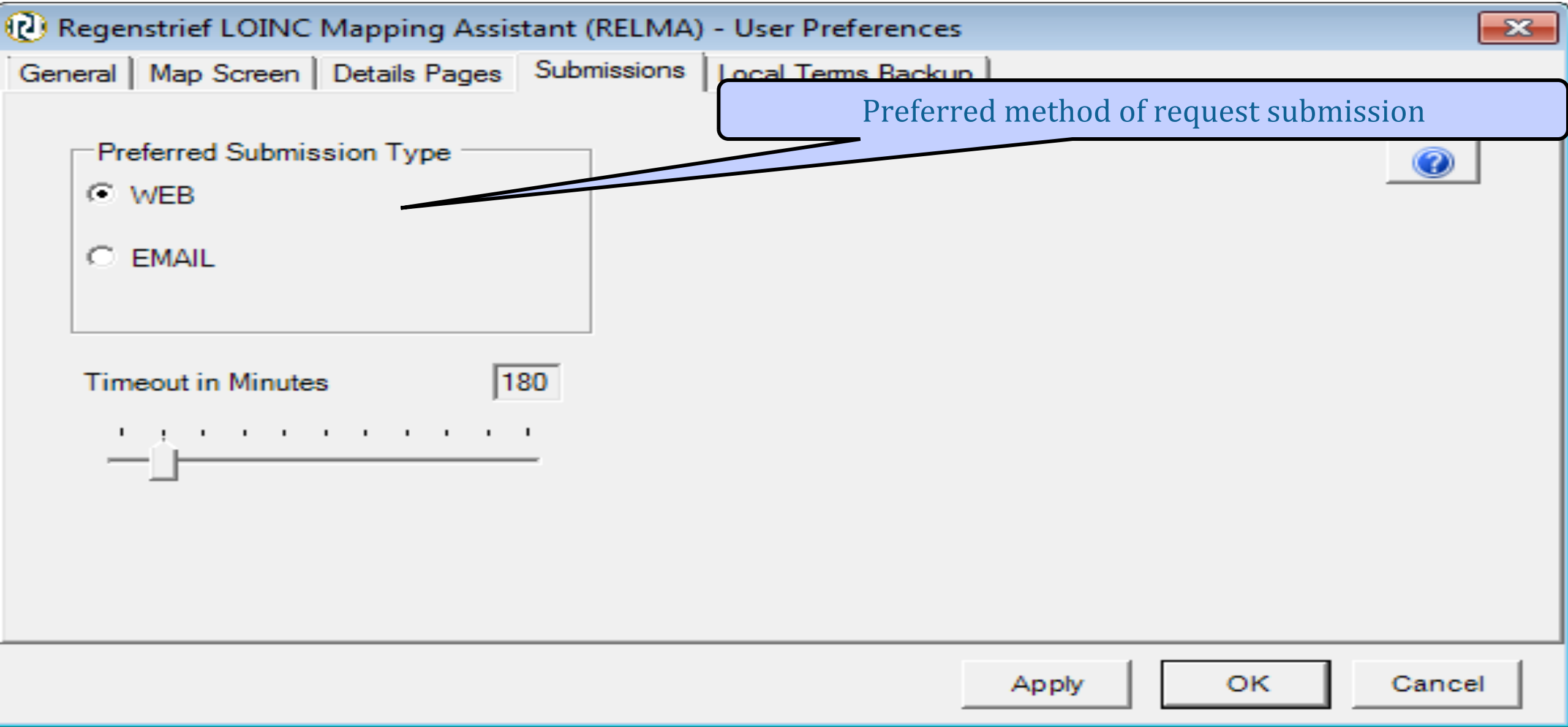
User Map Screen Preferences



User Detail Pages Preferences



Request Submission Preference



New! Local Backup Preferences

Regenstrief LOINC Mapping Assistant (RELMA) - User Preferences

General | Map Screen | Details Pages | Submissions | Local Terms Backup

Automatic Backup Frequency

- (•) Never make a backup, I'd rather do it manually.
- ( ) Make a backup every time I exit the program.
- ( ) Make a backup every 7 days (only occurs when program is exited).

Backup Retention Policy

- (•) Keep the last 1 backups on disk.
- ( ) Never delete backup files. I'll clean them myself.

Apply | OK | Cancel

Prepare LOINC Input Spreadsheet

- In Excel – create a spreadsheet for matching with the following headers and populated with your data in the rows (sample attached):
  - Tag (optional but can assist with workflow or categories.
  - Battery Code (optional, I recommend using the form or template ID)
  - Battery Description (optional, this is the string description for the battery)
  - Local test code (required - for the observation or assessment question)
  - Description - required
  - Units of Measure (if quantitative)
- Or…you can use the attached sample spreadsheet for your mapping.

Microsoft Office
Excel Worksheet