CanReg 5 improvements

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Introduction

This document is a road map for the development of CanReg5.

CanReg 5.1

Data Entry related

- Improve detection of changes to a record.

- Improve dictionary chooser.

  - Build it into the record editor?
  - Lookup as you type?
  - Sort by either code or label.

- Let user enter dates in the format they wish

- Only one save button for all records for a patient?

Database related

- Better database connection security.

- Optional encryption of the database ("boot-password")

- Optimize queries.

Analysis related

- Implement all the analysis tables proposed. (And others?)

- Write Frequencies by year tables to file

- Group by other meta variables for frequencies by year (age group, 2 digit icd10 etc)

Quality control

- First name sex properly implemented

- Improve person search

  - Dedicated merge patient interface by clicking "compare"
  - Highlight differences between records

- Optimize code.

- Implement Soundex.

Management related

- Streamline the restore from backup-function on a new install.

Pending bugs

- Bug that drops the result set being browsed.

- Turkish character set bug.

Proposals for CanReg 5.2

General

- Internalize some dictionaries:
  - ICD-O-3 (Topo, Morpho, Behaviour)
  - Record Status.
  - Check Status.
  - Person Search Status.

- The possibility to select premade dictionaries during set up?

Data Entry related

- Support for some other date formats
  - Buddhist
  - Other? Chinese?

- Improve workflow during data entry.

- Import excel files using http://jexcelapi.sourceforge.net/

Database related

- Mortality data

Analysis related

- Use of mortality data in analysis

- Export excel files using http://jexcelapi.sourceforge.net/

- Export to EpiInfo? What version?

Management related

- Changing some user rights levels
  - Hiding the browser for the analyst user
  - Hiding the browser for a user-level between analyst and registrar?

- Streamline the setup of new systems
  - New system wizard