Merge Patient data from Multiple Installations

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Abstract

There are individual installations where each installation is based at a facility (no guarantee of a consistent Internet connection), and is at the same version (OpenMRS, HTML forms, concepts and other metadata) - but there is a need to bring the patient records (or extracts) together to a central database. Site level users and metadata are not synced, neither are concepts and forms, as they are expected to be similar. The merged data (father instance) would be read-only, used reporting and analysis purposes.

Requirements

- Good Java and JavaScript skills
- Soft skills to interact with the community in order to gather requirements and technical feedback

Skills Needed

- Java
- JavaScript
- HTML
- CSS
- MySQL

Objectives

- Merge patients, encounters, and observations from multiple instances into a new instance.

Extra Credit

- Add an option to encrypt data during transfer
- Provide an option to anonymise the merged data

Resources

- Sync Module Overview
- Mergepatientdata Module