Installation guide

# Prepare Windows installation

* Uninstall AntiVirus (e.g. Symantec)
* Uninstall other 'Advertizing" app
* Uninstall everything unneeded like
  + Toshiba Bulletin Board
  + Toshiba Online Backup
  + Toshiba Security Dashboard
  + Toshiba Service Station
  + Wild Tangent Games
* Install Microsoft Security Essentials
* Apply all Windows Updates
* Install Microsoft Office if not yet installed
* Create standard user Informatics with password and without Admin rights
* Create standard user with the name of the clinic (e.g. Belladeres) and without password
* Assign 'default password' to Admin user
* Change name of the computer to name of the clinic (e.g. Belladeres)

# Install EMR foundation

* Install Git
  + Install with option 'run from command prompt'
* Install Java 6 (if not yet installed)
  + Disable Java Automatic Update
* Install MySQL
  + Follow instructions from http://wiki.openmrs.org/display/docs/Step+4+-+Install+MySQL, but don't change the default installation directory
  + Make sure character set UTF8 is chosen
* Modify system-wide environment variable PATH and add the java bin directory to it (e.g. c:\Program Files (x86)\Java\jre6\bin)
* Add new system-wide environment variable JRE\_HOME with shortname path to the Java JRE installation (e.g. c:\PROGRA~2\java\jre)
  + Make sure that no spaces are in the path. Use ‘dir /x c:\’ from the command prompt to find out the shortname of a path.

# Install EMR runtime

* Create directory c:\Users\Informatics\AppData\Roaming\OpenMRS
  + Note that the directory AppData is hidden by default.
* Extract apache-tomcat ZIP file under c:\Users\Informatics\AppData\Roaming\OpenMRS
* Copy file openmrs.war to TOMCAT\_DIR\webapps
* Start Tomcat with script under TOMCAT\_DIR\bin\startup.bat
* Open http://localhost:8080/openmrs in web browser
  + follow default installation
  + choose 'default password' as password
  + wait until setup completes (can take 15 minutes)
* Create shortcuts on the Desktop and start menu to quickly invoke some scripts
* startup.bat
* shutdown.bat
* backup
* update

# Configure EMR data for Mobile Clinic

* Get a USB flash drive with a backup of a system
* Go to <latest backup directory>\openmrs-module-haitimobileclinic-tools\backup
  + Note that you the restore needs to be invoked **from** the flash drive itself, not from the installation directory on drive C.
* Invoke restore.bat
* Start Tomcat again

Now a fully functional system should exist together with the most recent data from the USB backup flash drive.

## Fresh configurations without restoring data from a backup

In case no backup of old data is available to restore an installation or a completely new location needs to be set up, additional configurations (mainly through OpenMRS Global Properties) need to be applied. Following is the list of properties that need to be changed or added after finishing the installation of the EMR runtime and preparation of the openmrs-module-haitimobileclinic-tools directory.

|  |  |
| --- | --- |
| Property name | Value |
| concept.reasonExitedCare | 1811 |
| default\_locale | fr |
| default\_location | Belladeres |
| formentry.enableDashboardTab | false |
| haitimobileclinic.epiInfoEncounterType | EpiInfo visit |
| haitimobileclinic.numeroDossier | Numewo Dosye |
| haitimobileclinic.primaryCareReceptionReceiptNumberConcept | PIH: Receipt number |
| haitimobileclinic.primaryCareVisitCodedDiagnosisConcept | PIH: ZL Primary care diagnosis |
| haitimobileclinic.primaryCareVisitNonCodedDiagnosisConcept | PIH: ZL Primary care diagnosis non-coded |
| haitimobileclinic.primaryIdentifierType | Mobile Clinic Dossier Number |
| haitimobileclinic.registrationEncounterTypes Patient | Patient Registration|Mobile Clinic Reception|Mobile Clinic Consultation|Static Clinic Enrollment Visit |
| haitimobileclinic.registrationLocations | Belladeres |
| haitimobileclinic.supportedTasks | patientRegistration|mobileClinicReception|mobileClinic|primaryCareReception|primaryCareVisit|retrospectiveEntry|patientLookup|reporting|viewDuplicates |
| haitimobileclinic.mobileClinicReceptionEncounterType | Mobile Clinic Reception |
| haitimobileclinic.mobileClinicReceptionTbScreeningConcept | 6744 |
| mail.from | zlmobileclinics@gmail.com |
| mail.password | Got2LuvYa |
| mail.smtp.starttls.enable | true |
| mail.smth\_auth | true |
| mail.smtp\_host | smtp.gmail.com |
| mail.smtp\_port | 587 |
| mail.transport\_protocol | smtps |
| mail.user | zlmobileclinics@gmail.com |
| namephonetics.familyName2StringEncoder | Double Metaphone Alternate |
| namephonetics.givenNameStringEncoder | Double Metaphone Alternate |
| namephonetics.familyNameStringEncoder | Double Metaphone Alternate |
| namephonetics.middleNameStringEncoder | Double Metaphone Alternate |
| patient.viewingAttributeTypes | Telephone Number |
| patient.listingAttributeTypes | Telephone Number |
| scheduler.password | Admin123 |
| scheduler.username | admin |
| security.passwordRequiresDigit | false |
| security.passwordRequiresUpperAndLowerCase | false |
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