Upgrade Platform Core Libraries Project

<table>
<thead>
<tr>
<th>Primary mentor</th>
<th>Moses Mutesasira</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backup mentor</td>
<td>Sharif Magembe</td>
</tr>
<tr>
<td>Assigned to</td>
<td></td>
</tr>
</tbody>
</table>

Abstract

We need to upgrade our Platform Core libraries, to be able to leverage all the latest functionalities in the latest released versions of these libraries. As first priority we would need to upgrade Java. This project will address the issues that will arise during the Upgrade.

Project Champions

Moses Mutesasira  Daniel Kayiwa  Burke Mamlin

Skills Needed

- Excellent understanding of Java
- Good understanding of the hibernate library
- Good understanding of the Spring library
- General understanding of the OpenMRS data model

Objectives

- Upgrading Java from OpenJDK 8 to OpenJDK 11. Note that Java 11 is Only supported out of the box in Spring 5.

Issues

- TRUNK-5496 - Upgrade JDK/OpenJDK 8 to 11

Extra Credit

- Upgrading other Libraries that are pending.
- see the Libraries board https://issues.openmrs.org/secure/RapidBoard.jspa?rapidView=201&selectedIssue=TRUNK-5496

Resources