MedFinder   
Technologies

Document Date: 6/25/2015

Product Version Number 1.0

C:\work\documents\Graphics\Harmonia Logo (green and purple)\HarmoniaLogo2014-logo-only-transparent-small.png

Harmonia Holdings Group LLC • 2020 Kraft Drive • Suite 2400 • Blacksburg VA 24060

Table of Contents

[1. About this Document 1](#_Toc423003910)

[2. Technologies 1](#_Toc423003911)

[2.1. Server Technologies 1](#_Toc423003912)

[2.2. Client Technologies 1](#_Toc423003913)

[2.3. Build Technologies 1](#_Toc423003914)

[2.4. Deployment Technologies 2](#_Toc423003915)

# About this Document

This document enumerates the technologies used in the MedFinder application.

# Technologies

## Server Technologies

|  |  |  |
| --- | --- | --- |
| Technology | Usage | License |
| Hibernate | JPA implementation for management and persistence of data | LGPL 2.1  Apache License 2.0 |
| RestEasy | JAX-RS implementation for REST web services | Apache License 2.0 |
| Apache HttpComponents | HTTP client for making requests to the OpenFDA API | Apache License 2.0 |
| Apache Commons | Common utilities libraries | Apache License 2.0 |

## Client Technologies

|  |  |  |
| --- | --- | --- |
| Technology | Usage | License |
| Bootstrap | UI framework | MIT |
| jQuery | JavaScript utility library | MIT |

## Build Technologies

|  |  |  |
| --- | --- | --- |
| Technology | Usage | License |
| Apache Maven | Server code build tool | Apache License 2.0 |
| Grunt | Task runner for client code processors | MIT |
| Less | CSS pre-processor | Apache License 2.0 |
| JS Beautifier | JavaScript code formatter | MIT |

## Deployment Technologies

|  |  |  |
| --- | --- | --- |
| Technology | Usage | License |
| WildFly | Application server | LGPL 2.1 |
| MariaDB/MySQL | Database | FOSS Licenses |