

# Software requirements

# Introduction

This document lists the required set of software components necessary to run Snow Owl on the x86\_64 platform. Components and the corresponding files to download are listed in the sections below.

## Components

### Operating system

Snow Owl requires a **CentOS** or **Red Hat Enterprise Linux Server (RHEL)** release 7, or **Ubuntu 14.04** installation. We recommend starting with a minimal install and adding packages later, as required.

### Database

Terminology contents are persisted using the 5.7 series of **MySQL Community Server**, downloadable from [MySQL's yum repository](#). Select “Red Hat Enterprise Linux / Oracle Linux 7 (Architecture independent), RPM package” for download.

### JDK

Snow Owl uses version **8 update 121** of the **Java SE Development Kit**; An installable archive can be downloaded from the [JDK8 download page](#). Select the “Linux x64” edition.

### LDAP

Authentication and authorization of browsers, terminology editors, reviewers and administrators is performed through an **OpenLDAP** version **2.4.x** LDAP server.

Browsing and managing ApacheDS instances can be done through the **Apache Directory Studio** application. We recommend installing the latest release from the corresponding [Downloads](#) page on Apache's website.