

# Install, configure and run the software

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## Dependencies

- Alma Library Management System and Leganto Reading List Management System
- Ex Libris API keys with read access to Courses and Bibs
- Host machine with permission to use the Scopus API  
*In general, it should be on the wired network of a Scopus-subscribing institution*
- PHP
  - Code tested against versions 8.0.7, 8.1.5
  - Needs http wrappers and openssl enabled
  - Needs system function enabled
  - Needs cURL support including support for https and up-to-date cacert file
- Subscription to Scopus, and developer API key
- Subscription to WoS Expanded API, and developer API key

## Installation

- Identify a suitable machine, with PHP installed and configured (*see Dependencies above*)
- In a suitable folder, checkout a copy of the project: [https://dev.azure.com/uol-support/Reading%20Lists/\\_git/Citation%20enhancement](https://dev.azure.com/uol-support/Reading%20Lists/_git/Citation%20enhancement)
- Configure the software as described in **Configuration** (below)
- If space is at a premium, you can delete the directory **Docs/** and its contents (including this file) without affecting software operation (although the documents may be helpful)

## Configuration

- Obtain developer API keys for the following Alma APIs from <https://developers.exlibrisgroup.com/alma/apis/> - these need permission to the APIs on the production server, and only need read-only access:
  - Bibs

