

# Magnolia CLI

## Magnolia CLI

### Introduction

Magnolia CLI is an npm package providing a CLI tool to setup and facilitate Light Development with Magnolia.

Installs the **mgnl** command which allows performing several key operations for Light Development. It enables creating modules, pages, and components without any special IDE or Java requirements

### Advantages of Magnolia CLI

Light modules, page, area, and component templates are created automatically.

There is no need to restart the server.

### Magnolia CLI Commands

<b>-v, --version</b>	output the version number.
<b>-h, --help</b>	output usage information.
<b>jumpstart</b>	download and setup a Magnolia CMS instance for development.
<b>start</b>	start up a Magnolia CMS instance. To stop it, enter CTRL+C.
<b>add-availability</b>	add component availability.
<b>build</b>	scans for "magnolia-light-module" and extract to a directory.
<b>create-block</b>	create a block.
<b>create-component</b>	create a component and optionally add availability for it.
<b>create-light-module</b>	create a light module.
<b>create-page</b>	create a page template.
<b>create-virtual-uri</b>	create a virtual uri mapping.
<b>Customize-local-config</b>	extract "mgnl-cli-prototypes" folder and "mgnl-cli.json" file.
<b>install</b>	install a light module from npm to the local Magnolia instance.
<b>search</b>	search for a light module on npm.
<b>tab-completion</b>	install tab autocomplete feature for Bash, zsh or PowerShell.
<b>version</b>	display mgnl and node.js versions.
<b>help [cmd]</b>	display help for <a href="#">[cmd]</a>

### Exercise 3: Create a Light Module Using Magnolia CLI

Please refer to the distributed sheets and perform the exercise.

[« Light Module Resource Files App »](#)