

Installation and Creating a Project

Installation

Install LTS version of Node: <https://nodejs.org> or install with Chocolatey: `choco install nodejs-lts`
 Install Angular CLI: `npm install -g @angular/cli`

Creating a Project

`ng new <project name>`

Building, Running, and Testing

Building and Running

`ng serve --open`
`ng build`
`ng deploy`

Testing

`ng lint`
`ng test`
`ng test --watch`
`ng e2e`

Generate

<code>ng generate app-shell <name></code>	Generates an application shell for running a server-side version of an app.
<code>ng generate application <name></code>	Generates a new basic application definition in the "projects" subfolder of the workspace.
<code>ng generate class <name></code>	Creates a new, generic class definition in the given project.
<code>ng generate component <name></code>	Creates a new, generic component definition in the given project.
<code>ng generate config <name></code>	Generates a configuration file in the given project.
<code>ng generate directive <name></code>	Creates a new, generic directive definition in the given project.
<code>ng generate enum <name></code>	Generates a new, generic enum definition in the given project.
<code>ng generate environments <name></code>	Generates and configures environment files for a project.
<code>ng generate guard <name></code>	Generates a new, generic route guard definition in the given project.
<code>ng generate interceptor <name></code>	Creates a new, generic interceptor definition in the given project.
<code>ng generate interface <name></code>	Creates a new, generic interface definition in the given project.
<code>ng generate library <name></code>	Creates a new, generic library project in the current workspace.
<code>ng generate module <name></code>	Creates a new, generic NgModule definition in the given project.
<code>ng generate pipe <name></code>	Creates a new, generic pipe definition in the given project.
<code>ng generate resolver <name></code>	Generates a new, generic resolver definition in the given project.
<code>ng generate service <name></code>	Creates a new, generic service definition in the given project.



By **Greg Finzer** (GregFinzer)
cheatography.com/gregfinzer/
www.kellermansoftware.com

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Generate (cont)

ng generate service-worker <name>

Pass this schematic to the "run" command to create a service worker

ng generate web-worker <name>

Creates a new, generic web worker definition in the given project.



By **Greg Finzer** (GregFinzer)
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