

Web Tools: Yo and Yeoman

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Web Tools

- Tools for automation in web development:
 - Bower: Package Manager for the Web
 - Grunt and Gulp: Task Automation
 - Yo: Web App Scaffolding
 - Yeoman: Workflow designed around using Yo, Bower and Grunt

Yo Scaffolding

- Need to quickly scaffold out new projects
 - Hand crafting all the project folder hierarchy
 - Assembling together all the tools
 - Designing the workflow

Yo Scaffolding

- Yo scaffolding tool takes care of
 - Scaffolding out your next application
 - Generators to help you scaffold out your application
 - Robust opinionated client-side stack
 - Setting up all the tools for the workflow
 - Leverages the successful open-source tools being used in the community

Yeoman Workflow

create a new webapp



yo webapp

OR

yo angular
yo angular:controller



handle dependencies



bower search
bower install



preview, test, build



grunt serve
grunt test
grunt

Installation

- Installing yo:

`npm install yo -g`

- We have already installed Bower, Grunt and Gulp

- Installing Generators:

`npm install generator-angular -g`

Scaffolding out a Project

- Create a project folder/directory
- Go to the project folder/directory and type:
yo angular