What is Angular?

How Angular Differs from Traditional Websites

Traditional Websites	Angular
Traditional Websites have a browser request an HTML page from a website from a server	Angular applications are designed to send the entire site upon request, so there are no further requests made to the server. The has the advantage of being super fast and responsive
Traditional Websites would process a template (eg. JSP) and Data to create the HTML page	Angular is already going to have that pages deigned even if the Data appears later The data is requested from the server using an architecture such as REST

- To build a Angular website requires NodeJS, but running it requires no special software
- Note that version 1 of Angular was was called AngularJS and written in JS, whereas every version after 2 was written in typescript

Setting Up a Project

- The CLI tool for angular is **ng** and it can be installed via node
  - npm install -g @angular/cli
- Create a project:
  - *ng new*
- Run a project from the root directory:
  - *npm start* OR *npm serve*
- Default port is 4200

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