

ANGULAR  
**ARCHITECTS**

# Project Setup & Style Guide

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# Project Setup & Style Guide

- Angular project setup
  - Prettier
  - ESLint
  - angular.json
- Use Angular coding style guide
  - Draft of new Angular coding style guide
  - Copy and adjust my coding style guide
  - The original Angular coding style guide

# Angular project setup

- update to latest @angular/cli and then ng new [name]
  - for bigger projects use [create-nx-workspace \[name\]](#)
- setup prettier
- setup eslint
- ready to code

# Prettier config

```
pnpm i -D prettier
```


```
{  
  "printWidth": 120, // or 140  
  "singleQuote": true  
}
```

```
{  
  "editor.defaultFormatter": "esbenp.prettier-vscode",  
  "editor.formatOnPaste": true,  
  "editor.formatOnSave": true,  
  "prettier.documentSelectors": ["**/*.css,html,js,md,scss,ts"]  
}
```

☒ Manual Prettier configuration

Prettier package:

Path to .prettiignore:

☒ Run on 'Reformat Code' action 

Run for files:   
Use a [glob pattern](#), for example, `**/*.js,ts`

☒ Run on save [All actions on save...](#)





Demo

Prettier

# ESLint config

- You can use eslint v8 (deprecated) config still 😊
- For new projects follow this guide from [angular-eslint](#)  
`ng add @angular-eslint/schematics`
- Or else just copy & adjust the config of my [workspace](#)
- It will automatically integrate into ng(nx) lint and IDE 😊



Demo

ESLint

# angular.json

- Schematics
- Development / Production
- Environments
- and more 😊





Demo

angular.json

# Original Angular coding style guide

- still valid recommendations (only minor things changed)
  - <https://angular.dev/style-guide>
- most things have been removed because they are not "Angular-specific" enough
- should still be read and considered!
  - e.g., consider limiting files to 400 lines of code



Demo

# Showcase Angular Style Guide

# Draft of new Angular coding style guide

- draft written by Tech Lead Jeremy Elbourn (Google)
  - <https://gist.github.com/jelbourn/0158b02cfb426e69c172db4ec92e3c0c>
- read the blog post by my lesser self
  - <https://www.angulararchitects.io/blog/draft-of-the-revised-angular-style-guide/>
- some things have changed / are going to change
- everything else should be considered already today!





Demo

# Showcase Blog Post



# Angular coding style guide by LXT

- current version can be found in workshop workspace
  - <https://github.com/L-X-T/ng-b357/blob/main/style-guide/style-guide.md>
- it's organized by filetype
  - HTML View Templates
  - NPM Packages
  - SCSS styling files
  - TypeScript (Angular) files
- feel free to copy, paste and adjust 😊
  - if you have feedback, please contact me!

# Angular coding style guide by LXT

- write **clean** and **readable** code (comments if necessary)
  - uncle Bob!
- use **private readonly** as default (like const)
- **type everything** (also parameters and return types)
- no "**any**", no "!"



Demo

# Showcase Style Guide

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**Conclusion**