@angular/cli - advanced

5. Building your app

Build app

- Building your app will generate static files of your app

- Uploading those static files to a server will make your app available online

Build commands

- You can build your app with the following commands

  ▸ npx ng build hello-world

  ▸ npx ng build hello-world —prod

- Static application files will be generated in the dist folder

Analyze bundle size

- For production optimisations, it's useful to check the bundle size

- When checking the bundle size check if there is any module the takes a lot of space.

  - In that case you can lazy load if needed or check the module if size can be reduced

- Run the following commands:

  - npx ng build hello-world —prod —stats-json

  - npm install webpack-bundle-analyzer -D

  - npx webpack-bundle-analyzer dist/hello-world/stats.json

Bundle size with Ivy

/academeez

- As of angular 9+ angular is shipped with a new compilation and render engine called Ivy Renderer

- Ivy tree shaking is improved

- Bundle size will be smaller

Thank You

Next Lesson: 6. Deployment