



ng-Keralam

PRESENTS



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Angular Virtual Conference'22



Creating and using angular libraries

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He has total 9+ years of experience in Software architecture, development, and management specializing in Microsoft technologies. He is a C# Corner MVP since 2014 and also C# Corner Pune Chapter Lead. He is also a Speaker and a blogger who likes to enhance the knowledge of other developers.



@Jeet_csharp





About me

- Jeetendra Gund
- Senior Software Engineer at e-Zest Solutions Ltd
- 9 years of experience
- C# Corner MVP
- C# Corner Pune Chapter Lead
- Blogger, Speaker

Follow me on:

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Agenda

- Why to build Library?
- Creating first angular library
- How to use Library to another project?
- Steps to publish the library on NPM





Why to build Library?

- A library is a great way to share content/solutions with several apps.
- Share the code across projects
- Faster app build time
- Promote cleaner design & best practices





Library

Toast-
notification

Application1

Application2

Application3





Creating first angular library

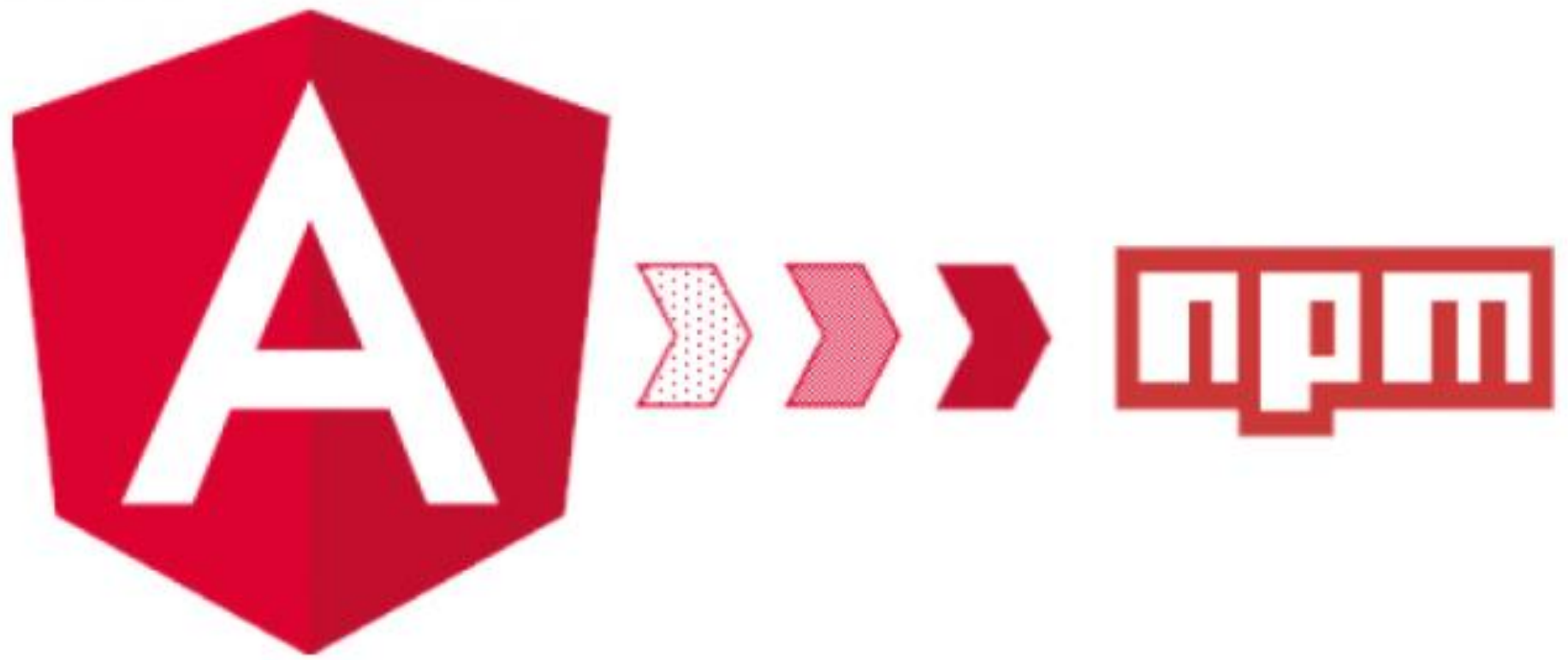
- Command - **ng new app-jeet --create-application=false**
- Command - **cd app-jeet**
- Command - **ng g library app-jeet-lib**
- Command - **ng g application app-jeet-lib-test**
- Command - **ng build app-jeet-lib**(copy the to path)
- Import the library module into app.module.ts
- Add library directive in app.component.html
- Command - **ng serve app-jeet-lib-test**



Using the library into angular application

- Command - **ng new app-other**
- Command - **npm install path-to-lib**
- Import the library module into the app.module.ts
- Add library directive in app.component.html
- Command - **ng serve**







Steps to publish the library on NPM

- Command - **npm adduser**
- username/password
- goto dist folder and library
- Command - **npm publish**
- you can see the libname and version
- goto **npmjs.com** and see the package





Summary

- Why to build Library?
- Creating first angular library
- How to use Library to another project?
- Steps to publish the library on NPM





References

- Angular Library - <https://angular.io/guide/creating-libraries>
- Pluralsight - <https://app.pluralsight.com/library/courses/structuring-angular-applications-angular-libraries/table-of-contents>





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