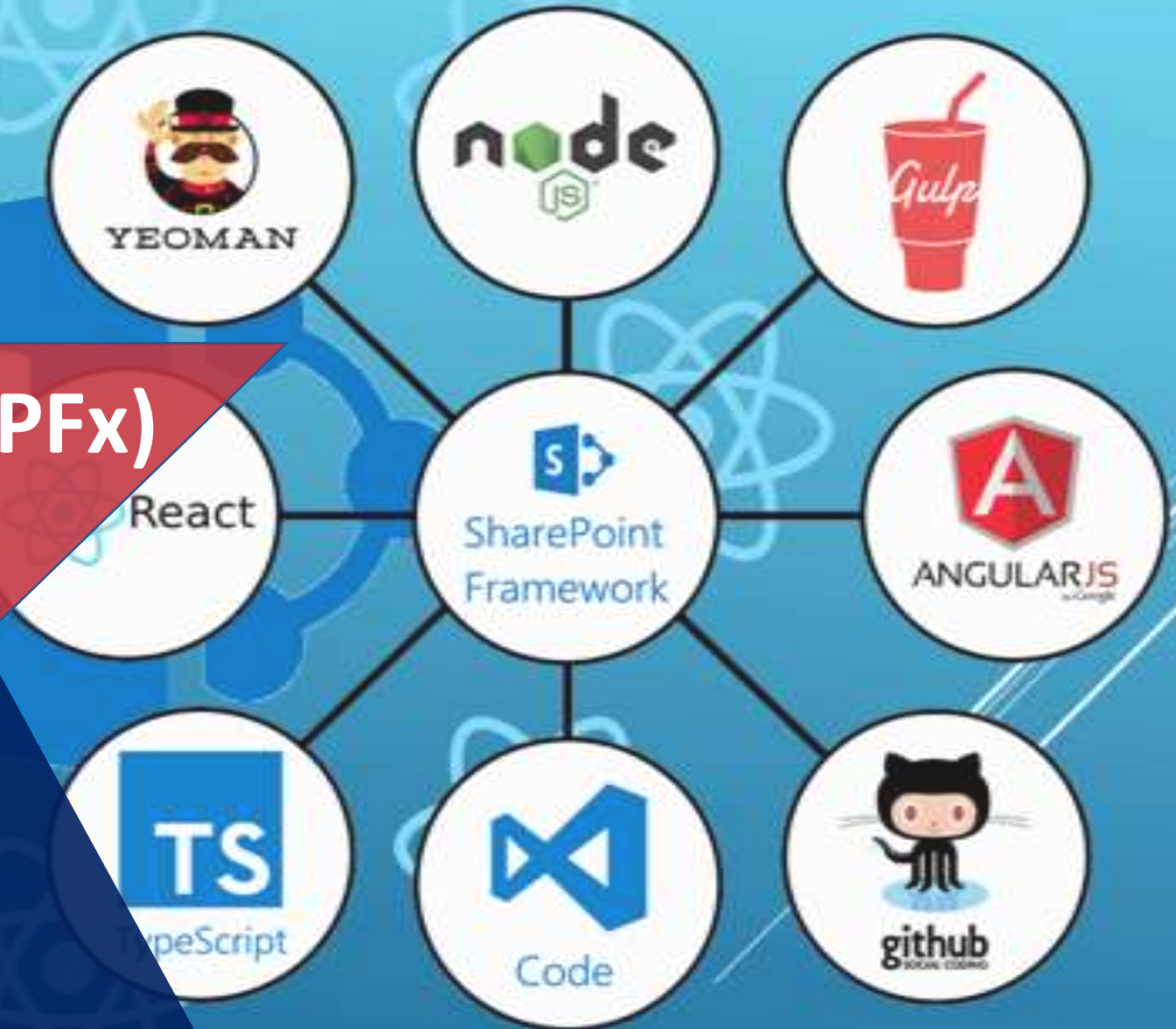




Webinar Series

SharePoint Framework(SPFx) Deep Dive





Demystifying versioning in SPFx solutions

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Agenda

- **Tool Set**
 - NodeJS
 - Code Editor
 - Yeoman
 - Gulp
- **SharePoint Framework**
 - Roadmap
 - Understanding Versioning in Solutions
 - Working with CI/CD Pipeline and versioning
- **Migrations and Upgrades**





Tool Set

NodeJS and Code Editor



NodeJS and Code Editor

- Packages and Modules
 - SPFx relies heavily on NPM Packages
 - NPM Packages follow Semantic Versioning
 - <https://docs.npmjs.com/about-semantic-versioning>
- Package.json
 - Very important file in your project
 - [Specifics of npm's package.json handling](#)
- Code Editor
 - Version does not matter which code editor you use



Tool Set

Yeoman and Gulp



Yeoman and Gulp

- What is Yeoman?
 - Web project scaffolding tool
 - Learn more at yeoman.io
- SPFx and Yeoman Generator
 - [@microsoft/generator-sharepoint](https://github.com/microsoft/generator-sharepoint) and [Pnp SPFx Yeoman generator](#)
 - [How to tell what version of the SPFx Yeoman generator is installed – Hugo Bernier](#)
- Gulp
 - <https://www.npmjs.com/package/gulp>



Tool Set

SharePoint Framework



SharePoint Framework

- Overview
 - <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/sharepoint-framework-overview>
- Roadmap
 - <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/roadmap>
- SharePoint solution packaging
 - <https://docs.microsoft.com/en-gb/sharepoint/dev/spfx/web-parts/basics/notes-on-solution-packaging>
- Understanding versioning in solution
 - [npm version](#)
 - [Use `npm version` to upgrade the version of your SPFx solution – By Stefan Bauer](#)



Tool Set

Migrations and Upgrades



Migrations and Upgrades

- Migrations
 - Migrating from old solutions
 - <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/web-parts/guidance/migrate-script-editor-web-part-customizations>
- Upgrades
 - SPFx project upgrade
 - <https://pnp.github.io/office365-cli/cmd/spfx/project/project-upgrade>



Thank You



Next up...

Unit Test SPFx Solutions using Jest and Enzyme

By Aakash Bhardwaj on 23-May-2020

