**Angular 15 Top Features**



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Angular version 15 is out and it brings plenty of new functionalities along with more stability and rifeness. Google has brought already many changes with Angular 14 but mostly with beta taste. But with newer version they stabilized pretty many things. The team refactored old compiler which enables more performant developer experience.  
1. ***Standalone APIs*** became stable feature allowing to bootstrap application with only one component which also leads to avoiding usage of NgModules.

2. ***Directive Composition API***helps reusing code by adding directives to host element. This feature also works only with standalone directives.

In the code snippet above we enhance MatMenu with two directives: HasColor and CdkMenu. MatMenu reuses all the inputs, outputs, and associated logic with HasColor and only the logic and the selected inputs from CdkMenu.

3. ***Developer Friendly Stack Trace*** has been enabled after analyzing developer surveys where developers mostly spend time on understanding the errors. Mostly error traces have many lines of error coming from third party libraries and very few from actual code. Together with Chrome DevTools they were able to optimize traces coming from node\_modules and other sources which lead to better tracing.

4. ***esbuild support*** is being improved continuously which fastens the build process and eases the build pipeline. This is still in beta mode but esbuild integration is strongly recommended. Command for this is:

"builder": "@angular-devkit/build-angular:browser-esbuild"

5. ***CLI improvements:*** support for standalone stable APIs is added. With just simple ng g component --standalone you can create a new standalone component.polyfills was also optimized being as a sepaarate section in angular.json

6. ***Multi-Route Application*** is enabled with standalone mode.

@Component({  
standalone: true,  
template: '...'  
})  
export default class LazyComponent { ... }

Something like:*loadComponent: () => import(‘./lazy-file’).then(m => m.LazyComponent)*is not needed any more.

7. ***Unwrapping default*** imports by Router is enabled.

8. ***CDK Listbox***is a new primitive which lets developers to customize Listbox interactions drawn by WAI-ARIA listbox pattern.

Please refer to this [link](https://update.angular.io/?v=14.0-15.0) for Ang14 ==> Ang15 migration guide.

***Version Compatibility:***  
Typescript ^4.8

NodeJs ^12.14

RxJS ^6.5.5

***Deprecated:***

providedIn: ‘any’

providedIn: NgModule

@angular/flex-layout