

# API Reference

TYPE: ALL

STATUS: ALL

🔍 Filter

## @angular/common





























































<b>K</b> APP_BASE_HREF	<b>P</b> AsyncPipe
<b>C</b> CommonModule	<b>P</b> CurrencyPipe
<b>P</b> DatePipe	<b>P</b> DecimalPipe
<b>C</b> HashLocationStrategy	<b>P</b> I18nPluralPipe
<b>P</b> I18nSelectPipe	<b>P</b> JsonPipe
<b>C</b> Location	<b>I</b> LocationChangeEvent
<b>I</b> LocationChangeListener	<b>C</b> LocationStrategy
<b>P</b> LowerCasePipe	<b>D</b> NgClass
<b>D</b> NgFor	<b>D</b> NgIf
<b>C</b> NgLocalization	<b>D</b> NgPlural
<b>D</b> NgPluralCase	<b>D</b> NgStyle
<b>D</b> NgSwitch	<b>D</b> NgSwitchCase
<b>D</b> NgSwitchDefault	<b>D</b> NgTemplateOutlet
<b>C</b> PathLocationStrategy	<b>P</b> PercentPipe
<b>C</b> PlatformLocation	<b>P</b> SlicePipe
<b>P</b> UpperCasePipe	

# @angular/common/testing

**c** MockLocationStrategy      **c** SpyLocation

## @angular/core

**K** ANALYZE\_FOR\_ENTRY\_COMPONENTS      **K** INTP\_BOOTSTRAP\_LISTENER  
**K** APP\_ID      **K** APP\_INITIALIZER  
**K** AUTO\_STYLE      **c** AfterContentChecked  
**c** AfterContentInit      **c** AfterViewChecked  
**c** AfterViewInit      **c** AnimationAnimateMetadata  
**c** AnimationEntryMetadata      **c** AnimationGroupMetadata  
**c** AnimationKeyframesSequenceMetadata      **c** AnimationMetadata  
**c** AnimationPlayer      **c** AnimationSequenceMetadata  
**c** AnimationStateDeclarationMetadata      **c** AnimationStateMetadata  
**c** AnimationStateTransitionMetadata      **c** AnimationStyleMetadata  
**c** AnimationTransitionEvent      **c** AnimationWithStepsMetadata  
**c** ApplicationInitStatus      **c** ApplicationModule  
**c** ApplicationRef      **I** Attribute  
**K** COMPILER\_OPTIONS      **K** CUSTOM\_ELEMENTS\_SCHEMA  
**E** ChangeDetectionStrategy      **c** ChangeDetectorRef  
**F** Class      **I** ClassDefinition  
**I** ClassProvider      **c** CollectionChangeRecord  
**c** Compiler      **c** CompilerFactory  
**T** CompilerOptions      **@** Component  
**c** ComponentFactory      **c** ComponentFactoryResolver  
**c** ComponentRef      **@** ContentChild  
**@** ContentChildren      **c** DebugElement  
**c** DebugNode      **c** DefaultIterableDiffer  
**@** Directive      **c** DoCheck

 ElementRef	 EmbeddedViewRef
 ErrorHandler	 EventEmitter
 ExistingProvider	 FactoryProvider
 ForwardRefFn	 GetTestability
 Host	 HostBinding
 HostListener	 Inject
 Injectable	 Injector
 Input	 IterableDiffer
 IterableDifferFactory	 IterableDiffers
 KeyValueChangeRecord	 KeyValueDiffer
 KeyValueDifferFactory	 KeyValueDiffers
 LOCALE_ID	 ModuleWithComponentFactories
 ModuleWithProviders	 NO_ERRORS_SCHEMA
 NgModule	 NgModuleFactory
 NgModuleFactoryLoader	 NgModuleRef
 NgZone	 OnChanges
 OnDestroy	 OnInit
 OpaqueToken	 Optional
 Output	 PACKAGE_ROOT_URL
 PLATFORM_INITIALIZER	 Pipe
 PipeTransform	 PlatformRef
 Provider	 Query
 QueryList	 ReflectiveInjector
 ReflectiveKey	 RenderComponentType
 Renderer	 ResolvedReflectiveFactory
 ResolvedReflectiveProvider	 RootRenderer
 Sanitizer	 SchemaMetadata
 SecurityContext	 Self
 SimpleChange	 SimpleChanges
 SkipSelf	 SystemJsNgModuleLoader

<b>C</b> SystemJsNgModuleLoaderCom	<b>K</b> TRANSLATIONS
<b>K</b> TRANSLATIONS_FORMAT	<b>C</b> TemplateRef
<b>C</b> Testability	<b>C</b> TestabilityRegistry
<b>I</b> TrackByFn	<b>@</b> Type
<b>I</b> TypeProvider	<b>I</b> ValueProvider
<b>@</b> ViewChild	<b>@</b> ViewChildren
<b>C</b> ViewContainerRef	<b>E</b> ViewEncapsulation
<b>C</b> ViewRef	<b>C</b> WrappedValue
<b>I</b> WtfScopeFn	<b>F</b> animate
<b>F</b> asNativeElements	<b>F</b> assertPlatform
<b>F</b> createPlatform	<b>F</b> createPlatformFactory
<b>F</b> destroyPlatform	<b>F</b> enableProdMode
<b>F</b> forwardRef	<b>F</b> getDebugNode
<b>F</b> getModuleFactory	<b>F</b> getPlatform
<b>F</b> group	<b>F</b> isDevMode
<b>F</b> keyframes	<b>K</b> platformCore
<b>F</b> resolveForwardRef	<b>F</b> sequence
<b>F</b> setTestabilityGetter	<b>F</b> state
<b>F</b> style	<b>F</b> transition
<b>F</b> trigger	<b>K</b> wtfCreateScope
<b>K</b> wtfEndTimeRange	<b>K</b> wtfLeave
<b>K</b> wtfStartTimeRange	

## @angular/core/testing

<b>C</b> ComponentFixture	<b>K</b> ComponentFixtureAutoDetect
<b>K</b> ComponentFixtureNoNgZone	<b>C</b> InjectSetupWrapper
<b>T</b> MetadataOverride	<b>C</b> TestBed
<b>C</b> TestComponentRenderer	<b>T</b> TestModuleMetadata

<b>F</b> async	<b>F</b> discardPeriodicTasks
<b>F</b> fakeAsync	<b>F</b> flushMicrotasks
<b>F</b> getTestBed	<b>F</b> inject
<b>F</b> resetFakeAsyncZone	<b>F</b> tick
<b>F</b> withModule	

## @angular/forms

<b>C</b> AbstractControl	<b>C</b> AbstractControlDirective
<b>C</b> AbstractFormGroupDirective	<b>I</b> AsyncValidatorFn
<b>D</b> CheckboxControlValueAccessor	<b>C</b> ControlContainer
<b>I</b> ControlValueAccessor	<b>D</b> DefaultValueAccessor
<b>I</b> Form	<b>C</b> FormArray
<b>D</b> FormArrayName	<b>C</b> FormBuilder
<b>C</b> FormControl	<b>D</b> FormControlDirective
<b>D</b> FormControlName	<b>C</b> FormGroup
<b>D</b> FormGroupDirective	<b>D</b> FormGroupName
<b>C</b> FormsModule	<b>D</b> MaxLengthValidator
<b>D</b> MinLengthValidator	<b>K</b> NG_ASYNC_VALIDATORS
<b>K</b> NG_VALIDATORS	<b>K</b> NG_VALUE_ACCESSOR
<b>C</b> NgControl	<b>D</b> NgControlStatus
<b>D</b> NgControlStatusGroup	<b>D</b> NgForm
<b>D</b> NgModel	<b>D</b> NgModelGroup
<b>D</b> NgSelectOption	<b>D</b> PatternValidator
<b>D</b> RadioControlValueAccessor	<b>C</b> ReactiveFormsModule
<b>D</b> RequiredValidator	<b>D</b> SelectControlValueAccessor
<b>D</b> SelectMultipleControlValueAccessor	<b>I</b> Validator
<b>I</b> ValidatorFn	<b>C</b> Validators

## @angular/http

<b>C</b> BaseRequestOptions	<b>C</b> BaseResponseOptions
<b>C</b> BrowserXhr	<b>C</b> Connection
<b>C</b> ConnectionBackend	<b>C</b> CookieXSRFStrategy
<b>C</b> Headers	<b>C</b> Http
<b>C</b> HttpModule	<b>C</b> JSONPBackend
<b>C</b> JSONPConnection	<b>C</b> Jsonp
<b>C</b> JsonpModule	<b>C</b> QueryEncoder
<b>E</b> ReadyState	<b>C</b> Request
<b>E</b> RequestMethod	<b>C</b> RequestOptions
<b>I</b> RequestOptionsArgs	<b>C</b> Response
<b>E</b> ResponseContentType	<b>C</b> ResponseOptions
<b>T</b> ResponseOptionsArgs	<b>E</b> ResponseType
<b>C</b> URLSearchParams	<b>C</b> XHRBackend
<b>C</b> XHRConnection	<b>C</b> XSRFStrategy

## @angular/http/testing

<b>C</b> MockBackend	<b>C</b> MockConnection
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## @angular/platform-browser

<b>C</b> AnimationDriver	<b>C</b> BrowserModule
<b>C</b> By	<b>K</b> DOCUMENT
<b>C</b> DomSanitizer	<b>K</b> EVENT_MANAGER_PLUGINS
<b>C</b> EventManager	<b>K</b> HAMMER_GESTURE_CONFIG
<b>C</b> HammerGestureConfig	<b>C</b> NgProbeToken
<b>I</b> SafeHtml	<b>I</b> SafeResourceUrl
<b>I</b> SafeScript	<b>I</b> SafeStyle

<b>I</b> SafeUrl	<b>C</b> Title
<b>F</b> disableDebugTools	<b>F</b> enableDebugTools
<b>K</b> platformBrowser	

## @angular/platform-browser/testing

<b>C</b> BrowserTestingModule	<b>K</b> platformBrowserTesting
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## @angular/platform-browser-dynamic

<b>K</b> RESOURCE_CACHE_PROVIDER	<b>K</b> platformBrowserDynamic
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## @angular/platform-browser-dynamic/testing

<b>C</b> BrowserDynamicTestingModule	<b>K</b> platformBrowserDynamicTesting
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## @angular/platform-server

<b>C</b> ServerModule	<b>K</b> platformDynamicServer
<b>K</b> platformServer	

## @angular/platform-server/testing

<b>C</b> ServerTestingModule	<b>K</b> platformServerTesting
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## @angular/platform-webworker

<b>C</b> ClientMessageBroker	<b>C</b> ClientMessageBrokerFactory
<b>C</b> FnArg	<b>C</b> MessageBus
<b>I</b> MessageBusSink	<b>I</b> MessageBusSource

<b>K</b> PRIMITIVE	<b>C</b> ReceivedMessage
<b>C</b> ServiceMessageBroker	<b>C</b> ServiceMessageBrokerFactory
<b>C</b> UiArguments	<b>K</b> WORKER_APP_LOCATION_PROVIDERS
<b>K</b> WORKER_UI_LOCATION_PROVIDERS	<b>C</b> WorkerAppModule
<b>F</b> bootstrapWorkerUi	<b>K</b> platformWorkerApp
<b>K</b> platformWorkerUi	

## @angular/platform-webworker-dynamic

**K** platformWorkerAppDynamic

## @angular/router

<b>I</b> ActivatedRoute	<b>I</b> ActivatedRouteSnapshot
<b>I</b> CanActivate	<b>I</b> CanActivateChild
<b>I</b> CanDeactivate	<b>I</b> CanLoad
<b>T</b> Data	<b>C</b> DefaultUrlSerializer
<b>T</b> Event	<b>I</b> ExtraOptions
<b>T</b> LoadChildren	<b>T</b> LoadChildrenCallback
<b>C</b> NavigationCancel	<b>C</b> NavigationEnd
<b>C</b> NavigationError	<b>I</b> NavigationExtras
<b>C</b> NavigationStart	<b>C</b> NoPreloading
<b>K</b> PRIMARY_OUTLET	<b>T</b> Params
<b>C</b> PreloadAllModules	<b>C</b> PreloadingStrategy
<b>K</b> ROUTER_CONFIGURATION	<b>K</b> ROUTER_INITIALIZER
<b>I</b> Resolve	<b>T</b> ResolveData
<b>I</b> Route	<b>C</b> Router
<b>D</b> RouterLink	<b>D</b> RouterLinkActive
<b>D</b> RouterLinkWithHref	<b>C</b> RouterModule
<b>D</b> RouterOutlet	<b>C</b> RouterOutletMap



<b>C</b> RouterPreloader	<b>I</b> RouterState
<b>I</b> RouterStateSnapshot	<b>T</b> Routes
<b>C</b> RoutesRecognized	<b>C</b> UrlHandlingStrategy
<b>C</b> UrlSegment	<b>C</b> UrlSegmentGroup
<b>C</b> UrlSerializer	<b>I</b> UrlTree
<b>F</b> provideRoutes	

## @angular/router/testing

<b>C</b> RouterTestingModule	<b>C</b> SpyNgModuleFactoryLoader
<b>F</b> setupTestingRouter	

## @angular/upgrade

<b>C</b> UpgradeAdapter	<b>C</b> UpgradeAdapterRef
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## @angular/upgrade/static

<b>C</b> UpgradeComponent	<b>C</b> UpgradeModule
<b>F</b> downgradeComponent	<b>F</b> downgradeInjectable