## Creating Interceptors



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# What Are Interceptors?

#### **Services**

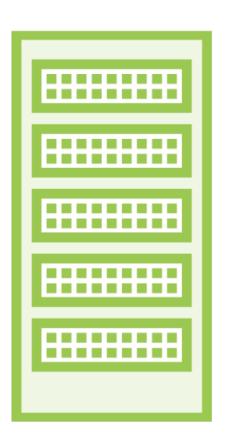
Implement the HttpInterceptor interface

Manipulate HTTP requests before they're sent to the server

Manipulate HTTP responses before they're returned to your app



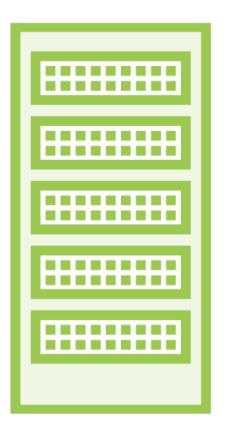




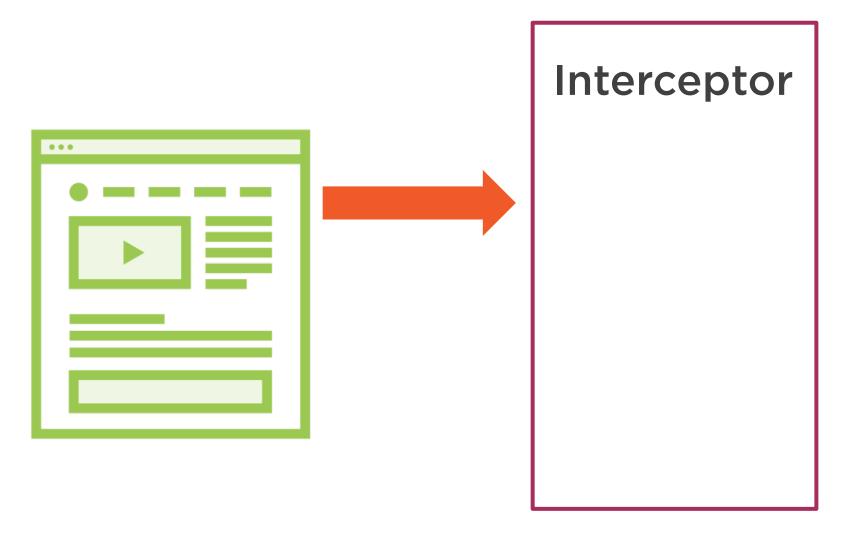


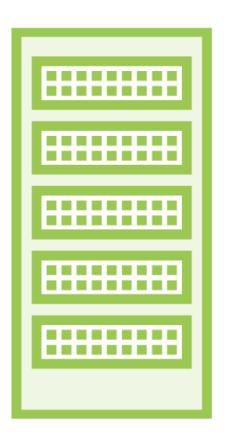




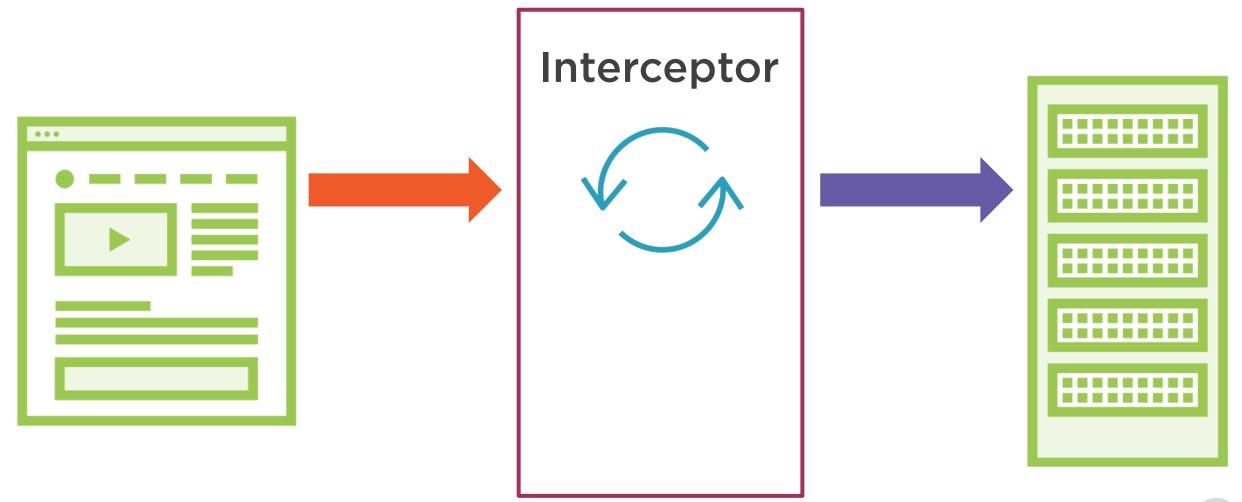




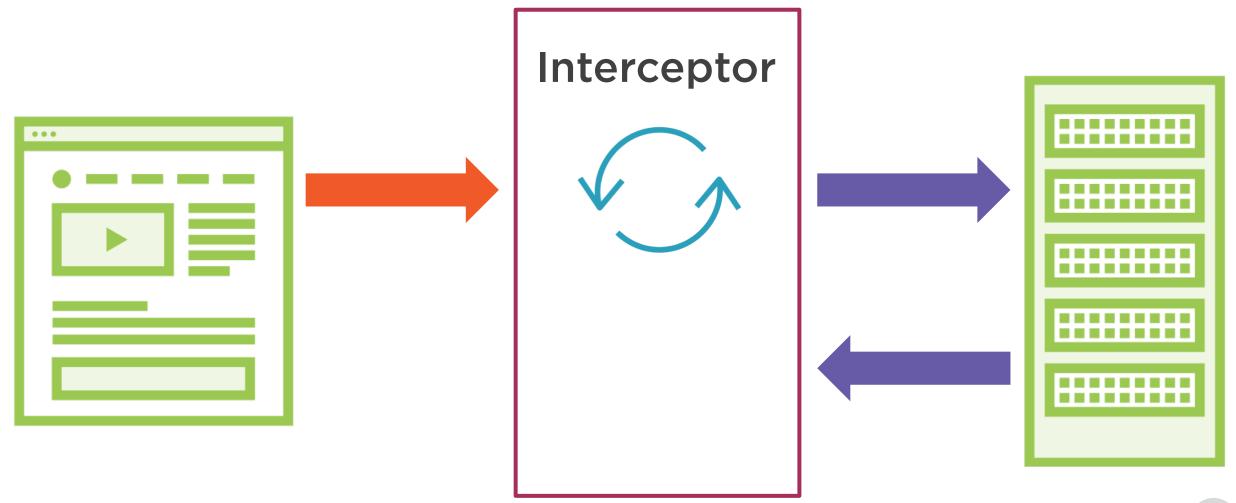




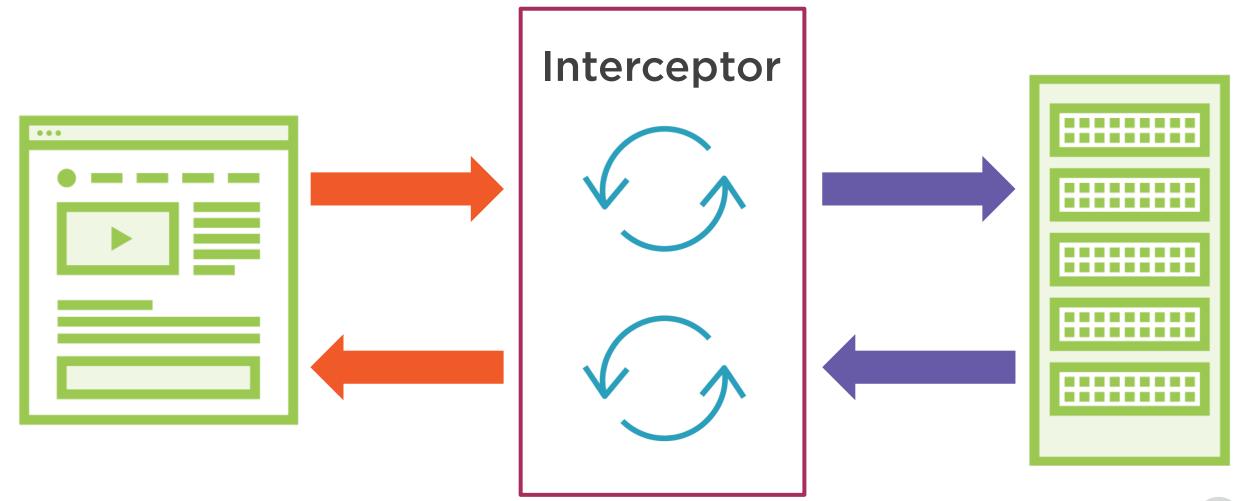














Adding headers to all requests



Adding headers to all requests Logging



Adding headers to all requests

Logging

Reporting progress events



Adding headers to all requests

Logging

Reporting progress events

Client-side caching



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export class FirstInterceptor implements HttpInterceptor {
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export class FirstInterceptor implements HttpInterceptor {
  intercept(req: HttpRequest<any>, next: HttpHandler): Observable<HttpEvent<any>>> {
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      .pipe(
        .tap(event => {
          if (event instanceof HttpResponse) {
            // modify the HttpResponse here
```



```
@NgModule({
  imports: [],
  declarations: [],
  providers: [
export class AppModule { }
```



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  imports: [],
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  providers: [
    { provide: HTTP_INTERCEPTORS, useClass: FirstInterceptor, multi: true },
export class AppModule { }
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  providers: [
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    { provide: HTTP_INTERCEPTORS, useClass: SecondInterceptor, multi: true },
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#### Demo



Creating an interceptor to add headers to all requests



#### Demo



Intercepting responses and working with multiple interceptors

