



ANGULAR
ARCHITECTS
INSIDE KNOWLEDGE

The Future Of Angular

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Outline

1. Signals
2. DestroyRef and takeUntilDestroyed() operator
3. Non Destructive Hydration

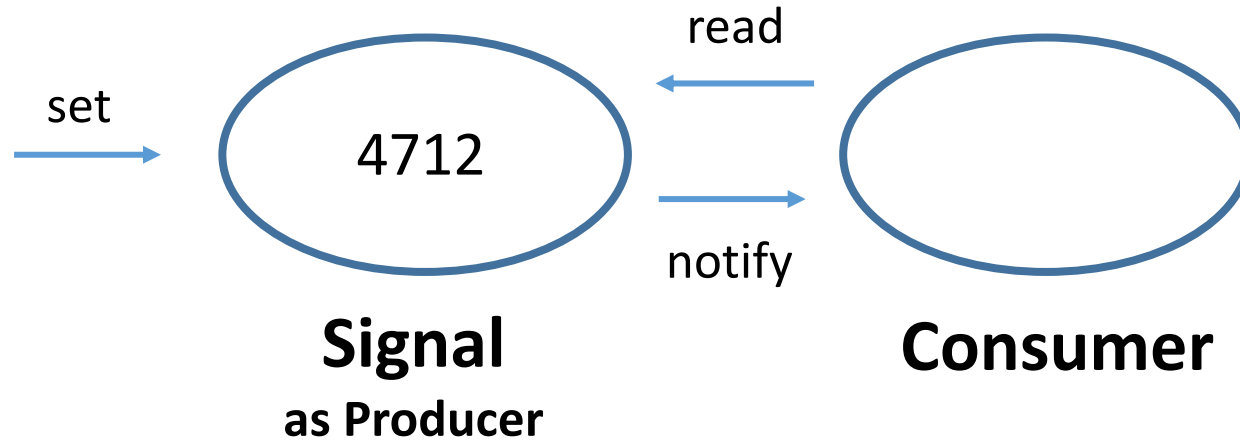


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#1: Signals



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#1: Signals – Component without signals

```
flights: Flight[] = [];
```

```
const flights = await this.flightService.findAsPromise(from, to);  
this.flights = flights;
```

```
<div *ngFor="let f of flights">  
  <flight-card [item]="f" />  
</div>
```



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#1: Signals – Component using signals

```
flights = signal<Flight[]>([]);
```

```
const flights = await this.flightService.findAsPromise(from, to);  
this.flights.set(flights);
```

```
<div *ngFor="let f of flights()">  
  <flight-card [item]="f" />  
</div>
```



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#1: Signals – RxJS Interop

`toObservable(signal)`

`toSignal(observable$)`



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#2: DestroyRef and takeUntilDestroyed() op.

```
@Component({...})
export class AppComponent {
  constructor() {
    inject(DestroyRef).onDestroy(() => {
      // Write your cleanup logic
    })
  }
}
```

Only available in the constructor()

```
const sub = this.store.select(getUser()).pipe(takeUntilDestroyed())
  .subscribe((user) => {
    this.user = user
  });
```



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#3: Non Destructive Hydration

- Server Side Rendering
- Until NG 15 the complete DOM was destroyed and rerendered
- From NG 16 the DOM from the server will be partially replaced
- Thus we don't have a flash → better UX