Angular Advanced short recap – day #1

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Day 1:

- Some Angular CLI tips & tricks

  - Angular Console

- NG applications with multiple modules

  - Using multiple modules in your app

- Lazy loading modules

  - `PreloadAllModules`

  - Custom Loading strategies

  - Configure Router with `ExtraOptions`

- Content Projection

  - `<ng-content select="…">`

Configuring the router

```
let routerConfig: ExtraOptions = {
  enableTracing: true

  preloadingStrategy: PreloadAllModules
};

@NgModule({
  imports: [RouterModule.forRoot(routes, routerConfig)],
  exports: [RouterModule]
})
```

Routing events are actually Observables.

Which means we can subscribe! And do something like:

```
this.router.events
    .subscribe(event =>{
       console.log(' router event: ', event);
  })
```

(Don't forget to inject router:

```
constructor(private router: Router) {  })
```

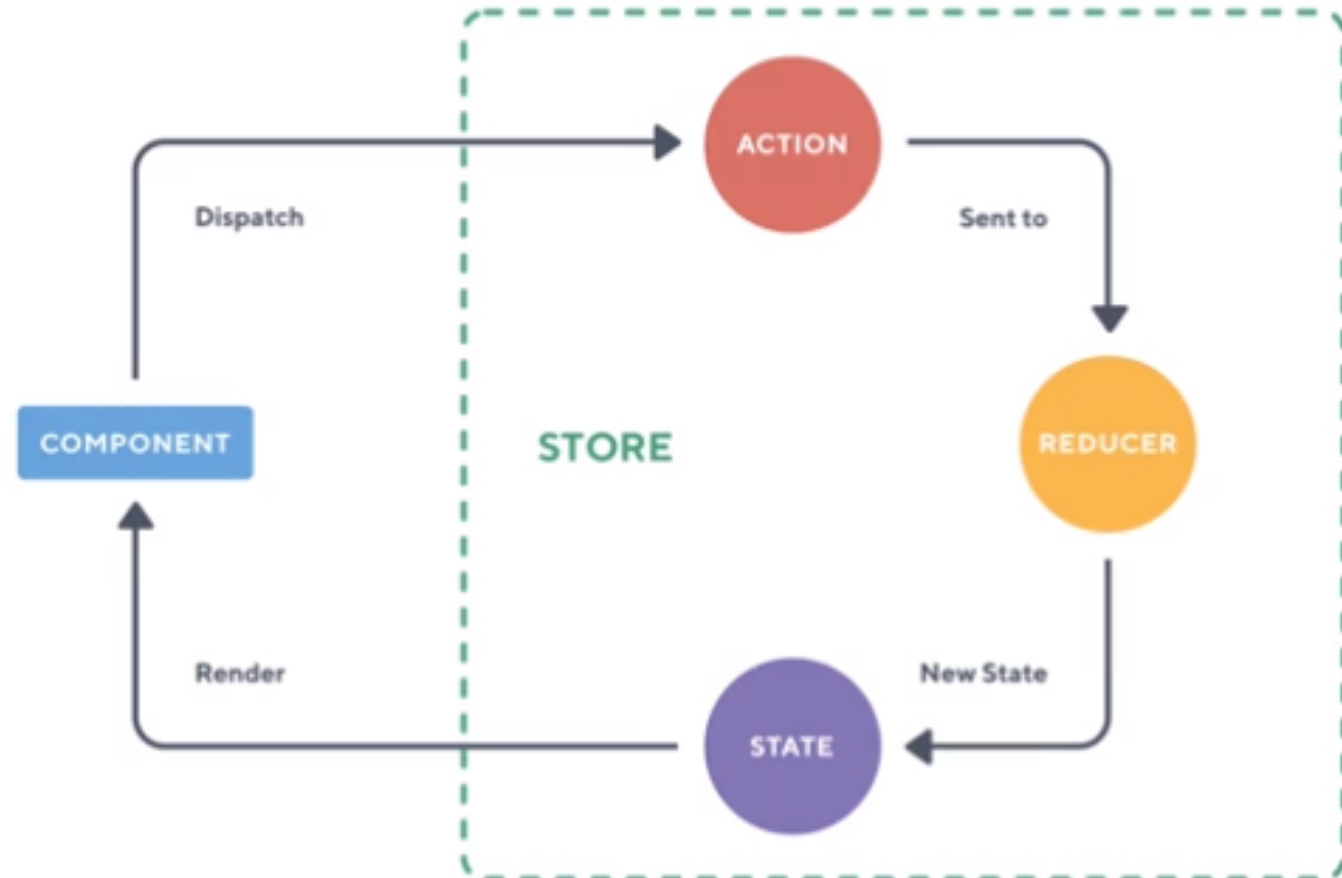# Or, in a more reactive way of programming:

```
this.router.events.pipe(
    filter(event => event instanceof NavigationEnd),

    map(...),

    . ...
    ).subscribe(event =>{
        console.log(' router event: ', event);
```

Today

- Smart/View Components

- State Management w/ `@ngrx/store`

    - Store

    - Actions & Action Creators

    - Reducers

    - Payload

- Some E2E-testing

- More Angular....

One-way dataflow

STORE

ACTION

Sent to

REDUCER

New State

STATE

Render

COMPONENT

Dispatch

https://platform.ultimateangular.com/courses/ngrx-store-effects/lectures/3788532