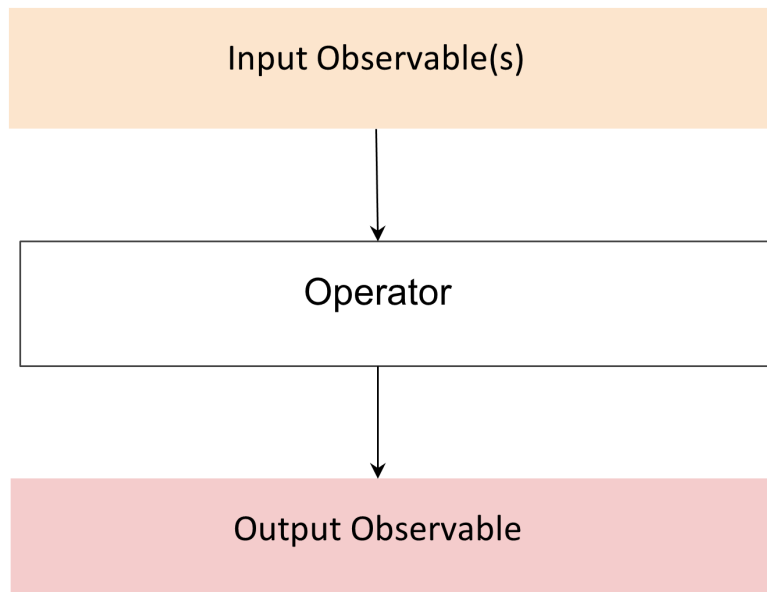
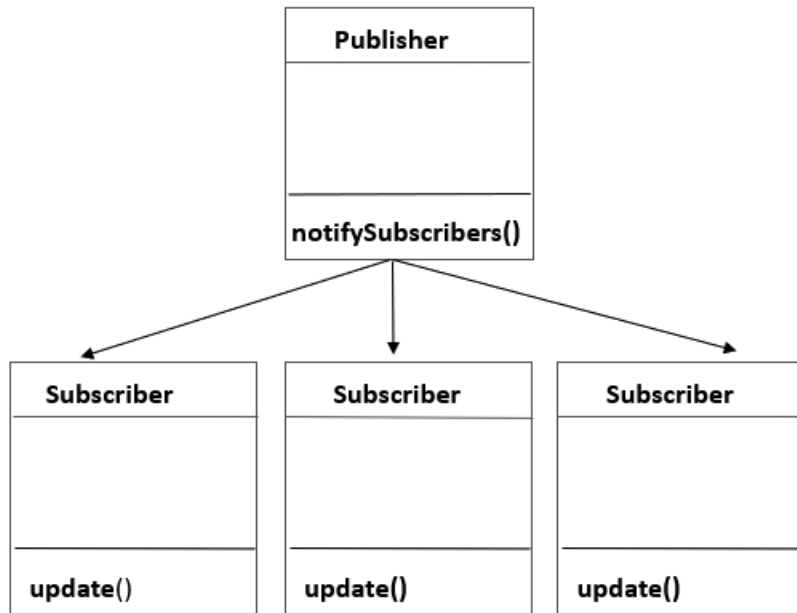
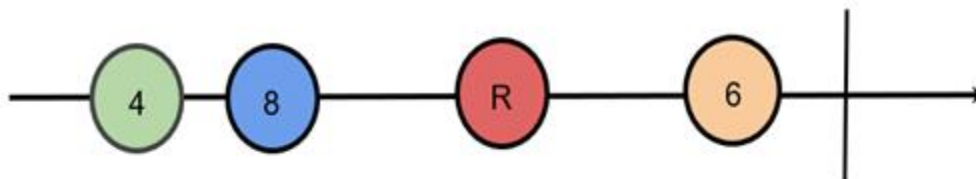
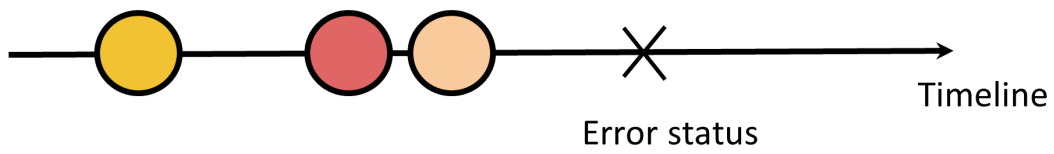
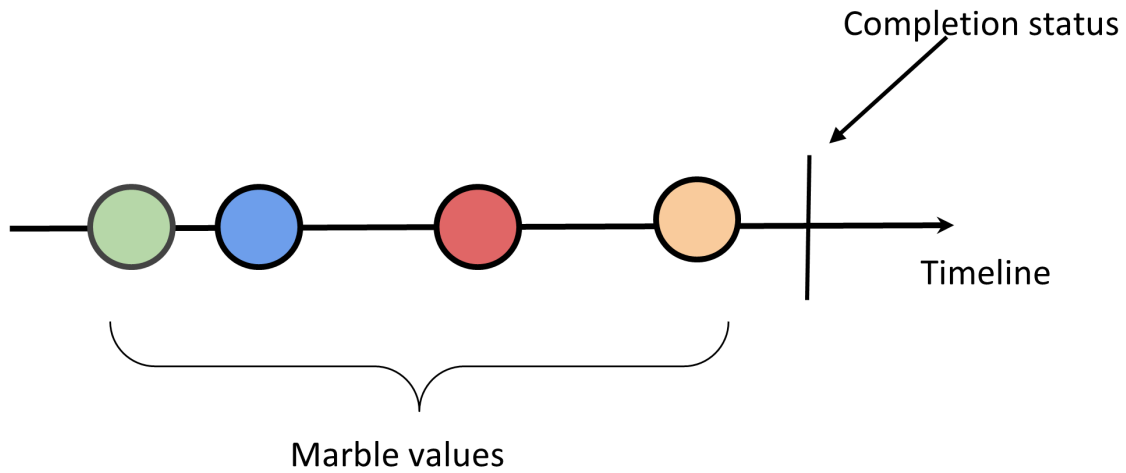


Chapter 01: The Power of the Reactive Paradigm

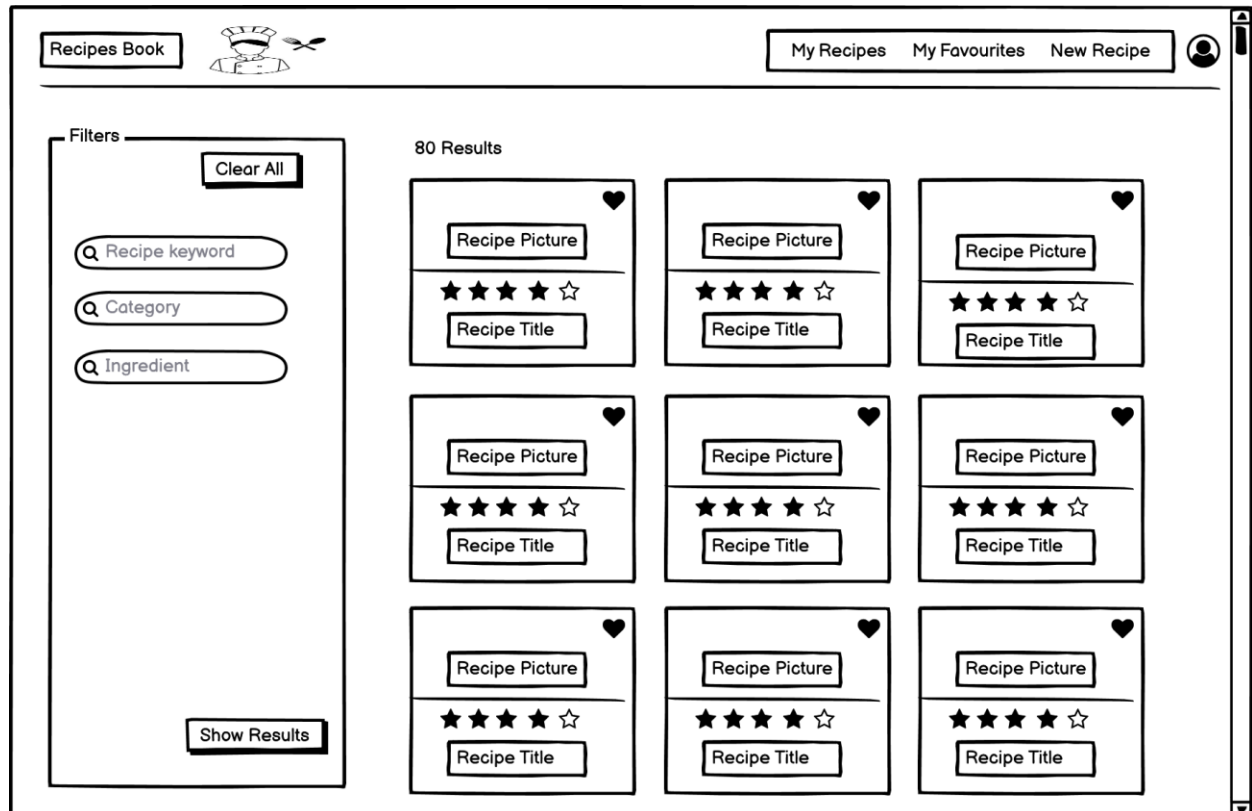





Chapter 02: RxJS 7 – The Major Features

rxjs • 69.72 KB • 1.7%																													
_esm2015 • 69.72 KB • 1.7%																													
internal • 69.72 KB • 1.7%																													
operators • 28.94 KB • 0.7%										observable • 10.98 KB • 0.3%				scheduler • 5.88 KB • 0.2%															
groupBy.js • 2.26 KB • 0.1%		mergeMap.js • 1.75 KB • 0.0%		delay.js • 1.46 KB • 0.0%		switchMap.js • 1.32 KB • 0.0%		observeOn.js • 1.22 KB • 0.0%		tap.js • 1.21 KB • 0.0%		debounceTime.js • 1.18 KB • 0.0%		zip.js • 2.86 KB • 0.1%		ConnectableObservable.js • 1.38 KB • 0.0%		AsyncAction.js • 1.39 KB • 0.0%											
withLatestFrom.js • 1.09 KB • 0.0%		timeoutWith.js • 1.02 KB • 0.0%		exhaustMap.js • 1.001 KB • 0.0%		refCount.js • 911 B • 0.0%		shareReplay.js • 897 B • 0.0%		throwIfEmpty.js • 897 B • 0.0%		distinctUntilChanged.js • 890 B • 0.0%		scan.js • 885 B • 0.0%		audit.js • 831 B • 0.0%		combineLatest.js • 1.25 KB • 0.0%		throwError.js • 1021 B • 0.0%		forkJoin.js • 1012 B • 0.0%		AsyncScheduler.js • 826 B • 0.0%					
takeLast.js • 770 B • 0.0%		defaultIfEmpty.js • 769 B • 0.0%		take.js • 722 B • 0.0%		filter.js • 708 B • 0.0%		map.js • 696 B • 0.0%		takeUntil.js • 673 B • 0.0%		catchError.js • 659 B • 0.0%		startWith.js • 583 B • 0.0%		pairwise.js • 545 B • 0.0%		mergeAll.js • 503 B • 0.0%		fromEvent.js • 919 B • 0.0%		timer.js • 490 B • 0.0%		interval.js • 457 B • 0.0%		merge.js • 436 B • 0.0%		AnimationFrame.js • 736 B • 0.0%	
														fromEvent.js • 919 B • 0.0%		timer.js • 490 B • 0.0%		interval.js • 457 B • 0.0%		merge.js • 436 B • 0.0%		AsapAction.js • 679 B • 0.0%							
util • 5.22 KB • 0.1%										Subscriber.js • 3.22 KB • 0.1%				Subject.js • 2.08 KB • 0.1%		ReplaySubject.js • 1.91 KB • 0.0%		scheduled • 1.59 KB • 0.0%		Subscription.js • 1.57 KB • 0.0%		Observable.js • 1 KB • 0.0%		Notification.js • 1 KB • 0.0%					
subscribe.js • 417 B • 0.0%		pipe.js • 359 B • 0.0%		subscribe.js • 341 B • 0.0%		Unsubscribed.js • 329 B • 0.0%		subscribe.js • 324 B • 0.0%		Argument.js • 312 B • 0.0%		Subscriber.js • 298 B • 0.0%		Subject.js • 271 B • 0.0%		ReplaySubject.js • 254 B • 0.0%		scheduled.js • 580 B • 0.0%		scheduler.js • 390 B • 0.0%		Subscription.js • 375 B • 0.0%		Observable.js • 350 B • 0.0%		Notification.js • 330 B • 0.0%			
Empty.js		Object.js		Immediate.js		Time.js		isScheduler.js		isObservable.js		isFunction.js		isPromise.js															


Chapter 03: A Walk-Through of the Application



Recipes Book



My RecipesMy FavouritesNew Recipe



New Recipe

Title

Ingredients

+

Tags

☒ Dinner (selected)

☐ Healthy

☐ Salty


☐ Sweet

☐ Italian

☐ Lunch

☐ Breakfast

Image Url



Cooking time

Yield

Prep time

Steps

Cancel

Save



My Recipes


<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>
<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>
<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>	<div><div><div><div></div></div><div>Recipe Picture</div></div><div><div>★★★★☆</div><div>Recipe Title</div></div></div>



My favourites

<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>
<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>
<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>	<div>Recipe Picture</div> <div>★★★★☆</div> <div>Recipe Title</div>


Recipes Book



My Recipes

My Favourites

New Recipe



New Recipe

Title

Ingredients

+

Tags

☒ Dinner (selected)

☐ Healthy

☐ Salty


☐ Sweet

☐ Italian

☐ Lunch

☐ Breakfast

Image Url



Cooking time

Yield


Prep time

Steps

Cancel

Save


Recipes Book



My Recipes

My Favourites

New Recipe



Recipe Title

Recipe Picture

Prep Time

Cooking Time

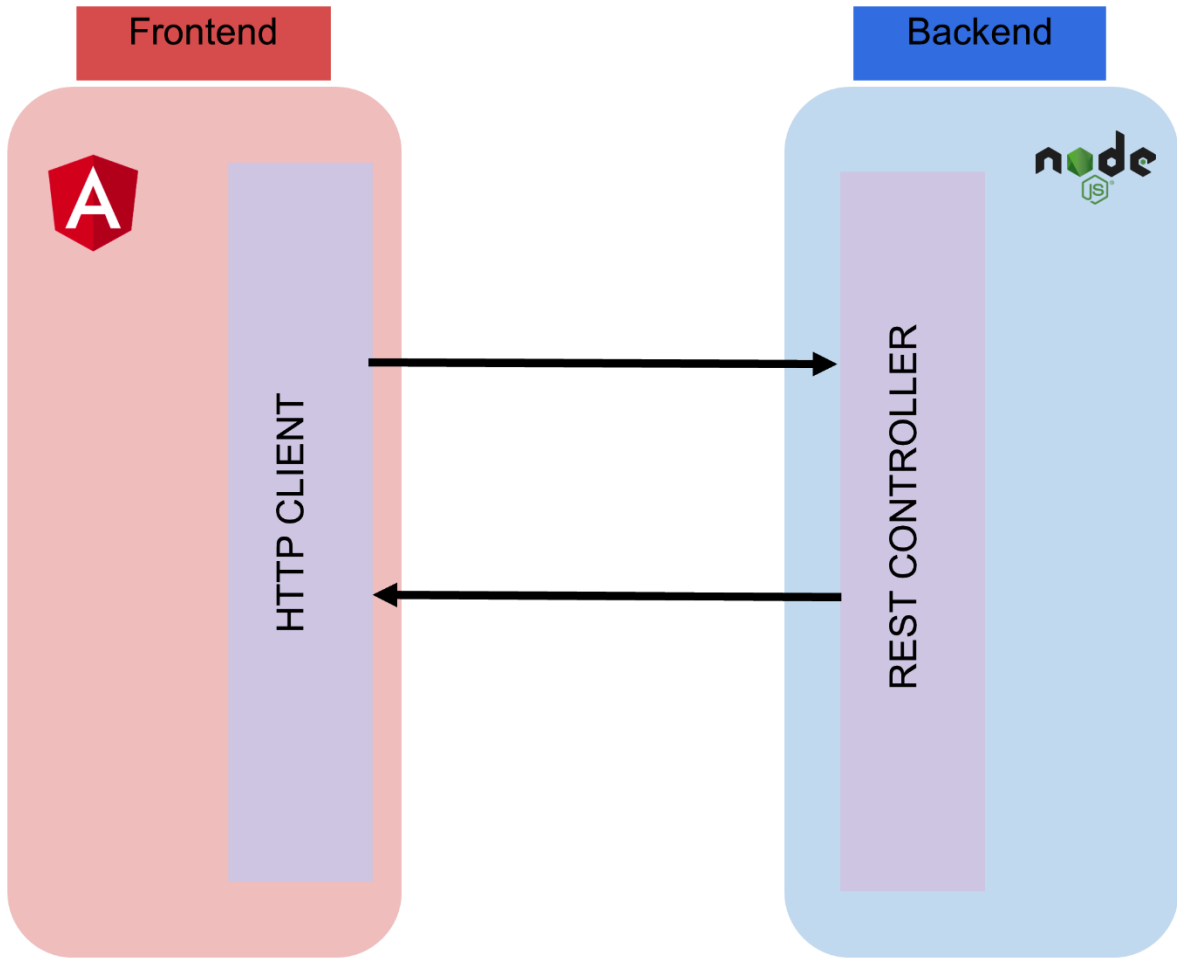
Yield

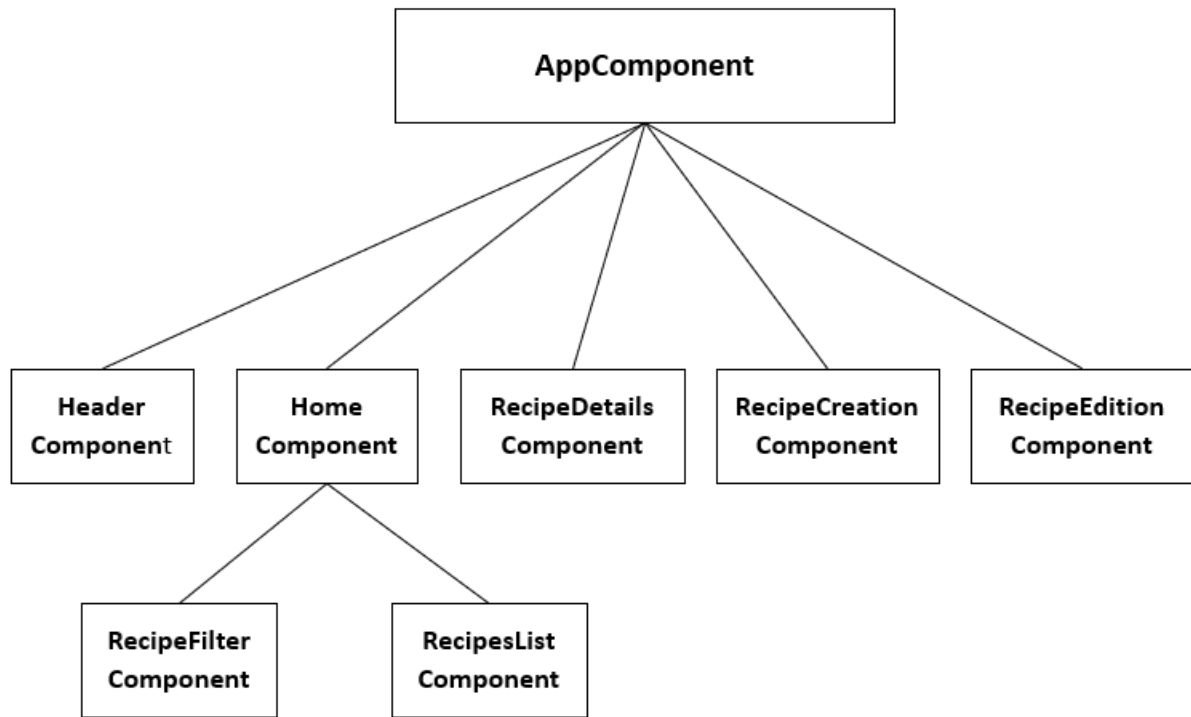
Rating

Tags

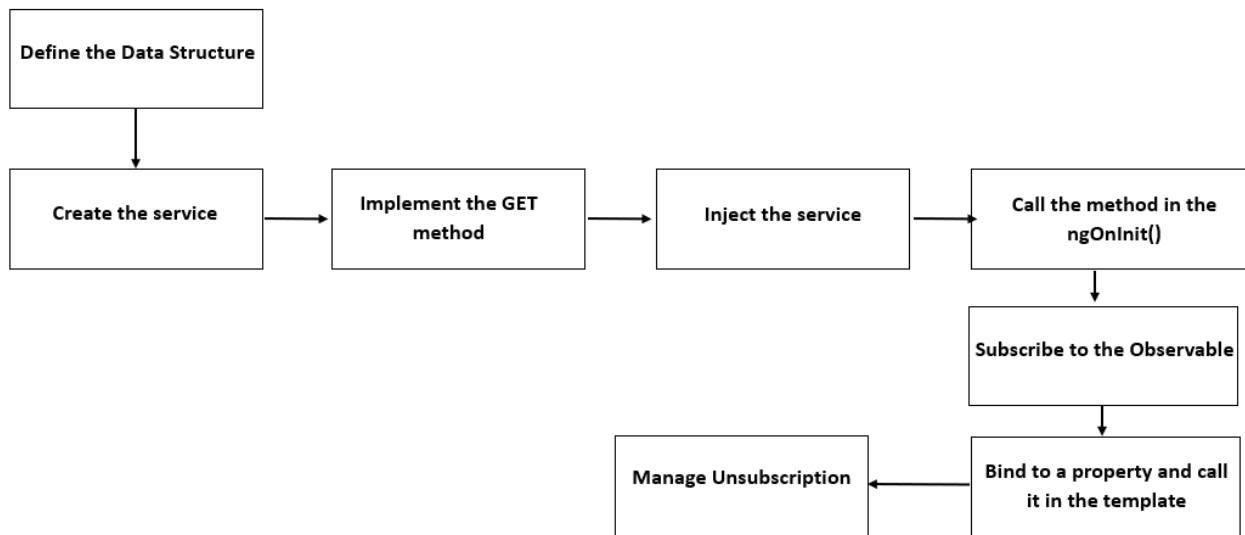
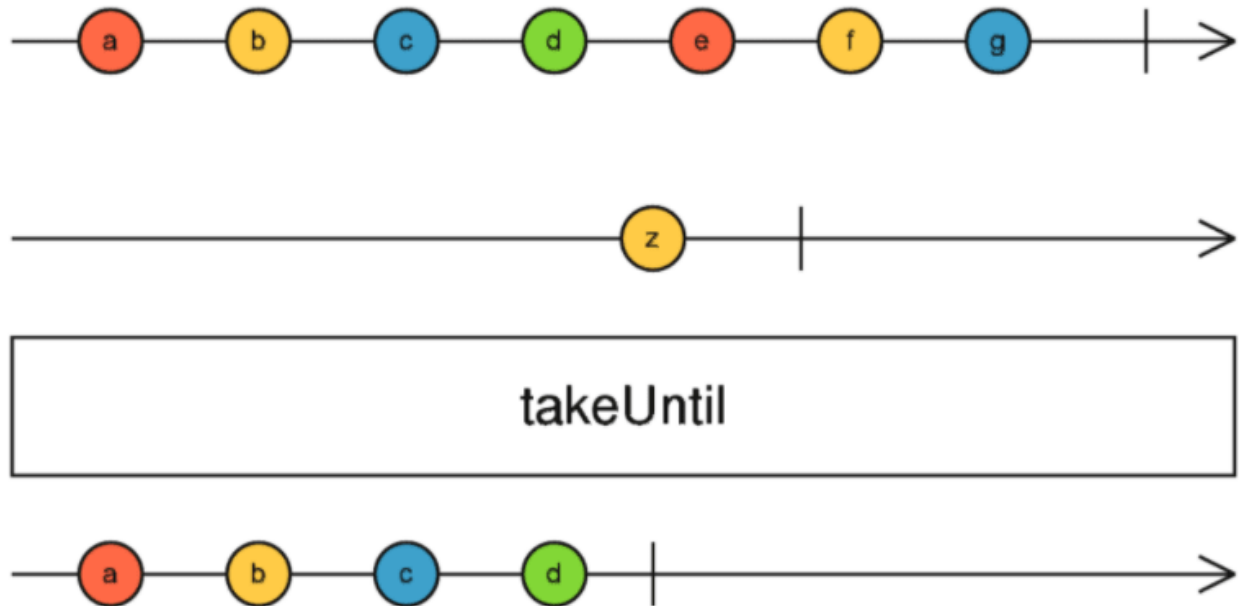
Ingredients

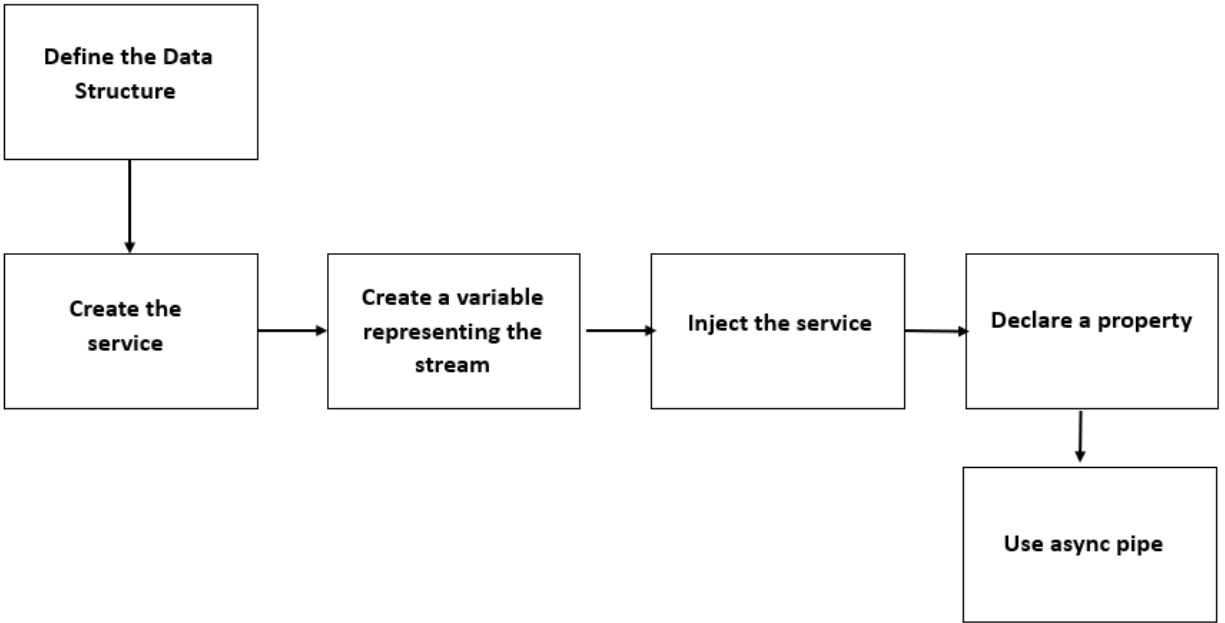
Steps





Chapter 04: Fetching Data as Streams






Recipes Book

My recipes


My favourites

New Recipe


11 Results




Lemon cake
Lemon cake
☆☆☆☆☆
10min




Lemon Pie
Lemon Pie
☆☆☆☆☆
10min




Tortilla Wrap
Tortilla Wrap
☆☆☆☆☆
10min




Delicious Kebab
Delicious Kebab
☆☆☆☆☆
10min




Chilli Chicken



Cookies

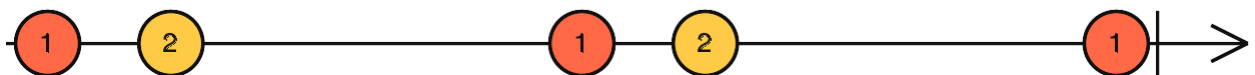
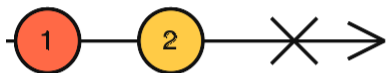
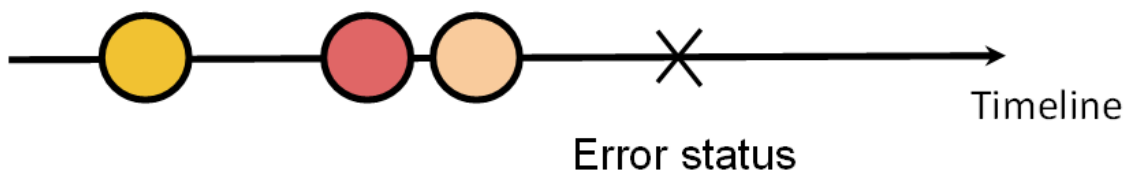
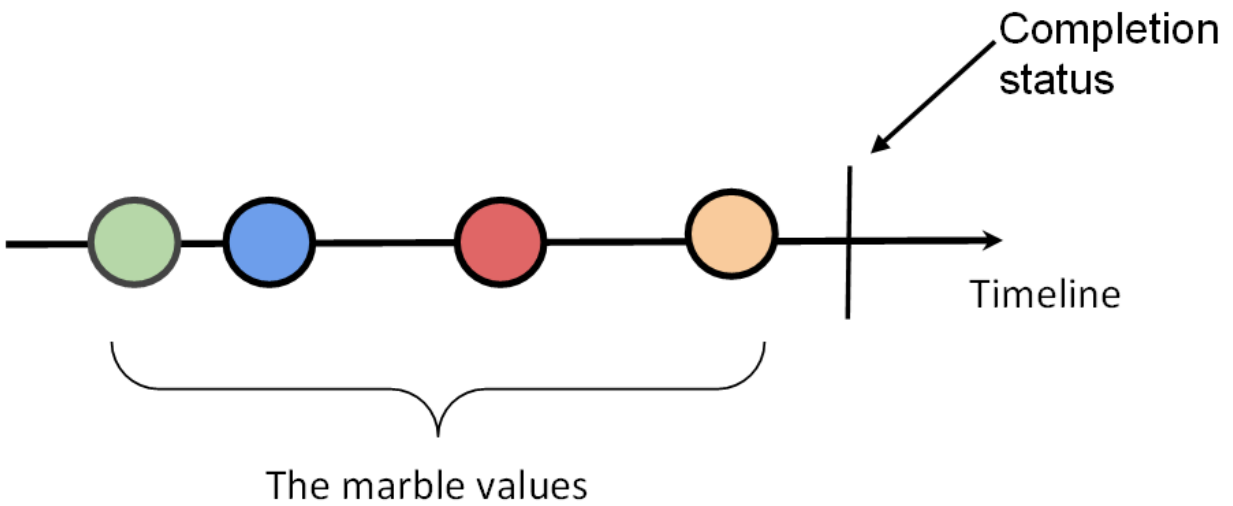


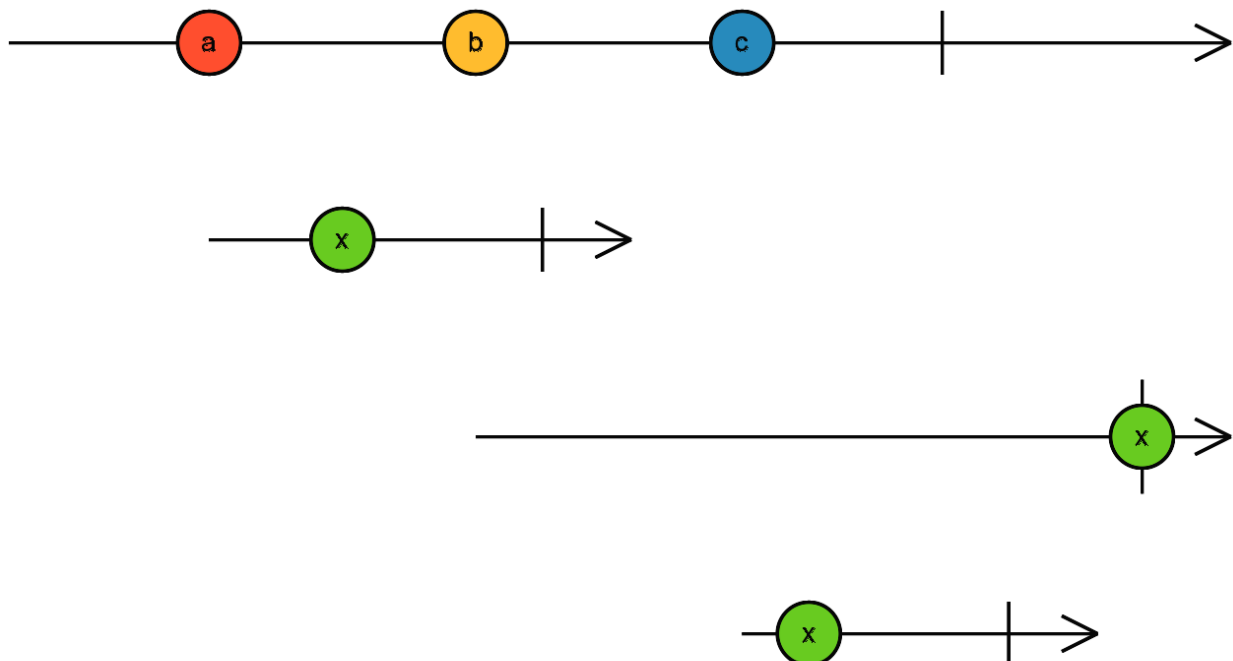
CheeseBurger



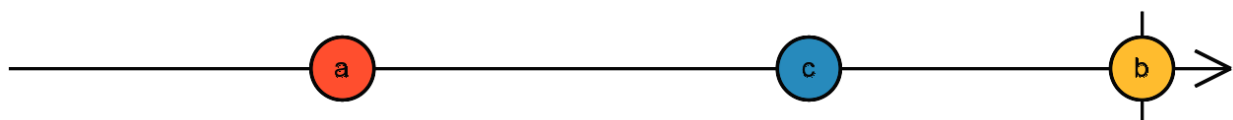
Chilli Chicken

Chapter 05: Error Handling





`delayWhen(durationSelector)`



✖ ▶ GET <http://localhost:3001/recipes> net::ERR_CONNECTION_REFUSED

Retrying the HTTP request...

✖ ▶ GET <http://localhost:3001/recipes> net::ERR_CONNECTION_REFUSED

Retrying the HTTP request...

✖ ▶ GET <http://localhost:3001/recipes> net::ERR_CONNECTION_REFUSED

Retrying the HTTP request...

✖ ▶ GET <http://localhost:3001/recipes> net::ERR_CONNECTION_REFUSED

>

```
✖ ▶ GET http://localhost:3001/recipes net::ERR_CONNECTION_REFUSED
✖ ▼ ERROR ▶ HttpErrorResponse {headers: HttpHeaders, status: 0, statusText: "Unknown Error", url: "http://localhost:3001/recipes", ok: false, ...}
  defaultErrorLogger @ core.js:6456
  handleError @ core.js:6504
  next @ core.js:29284
  __tryOrUnsub @ Subscriber.js:183
  next @ Subscriber.js:122
  _next @ Subscriber.js:72
  next @ Subscriber.js:49
  next @ Subject.js:39
  emit @ core.js:25946
  (anonymous) @ core.js:28703
  invoke @ zone.js:372
  run @ zone.js:134
  runOutsideAngular @ core.js:28576
  onHandleError @ core.js:28703
  handleError @ zone.js:376
  runTask @ zone.js:181
```

Chapter 06: Combining Streams

Filters

Clear all

Keyword:

Category:


Ingredient:

Tags:


Preparation Time:

Cooking Time:


See results




Lemon cake
Lemon cake
☆☆☆☆
10min

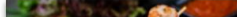



Lemon Pie
Lemon Pie
☆☆☆☆
10min

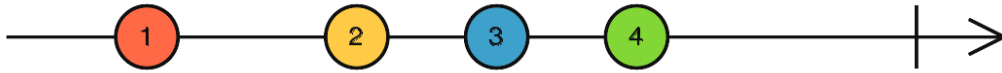
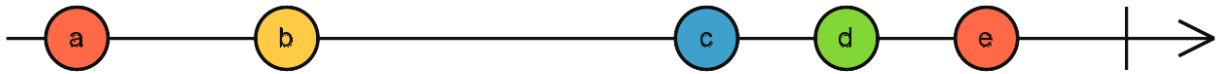


Tortilla Wrap
Tortilla Wrap
★★★★☆☆
10min









combineLatest



Filters

[Clear all](#)

Keyword:

Category:


Ingredient:

Tags:

Preparation Time:

Cooking Time:


[See results](#)




Lemon cake
Lemon cake

☆☆☆☆☆

10min







Lemon Pie
Lemon Pie

☆☆☆☆☆

10min






Lemon cake
Lemon cake


★★★★☆

10min




Chapter 07: Transforming Streams

Recipes Book



My recipesMy favouritesNew Recipe



New Recipe

Title

Ingredients

+

Tags

☐ Dinner

☐ Healthy

☐ Salty

☐ Sweet☐ Italian☐ Lunch☐ Breakfast

ImageUrl

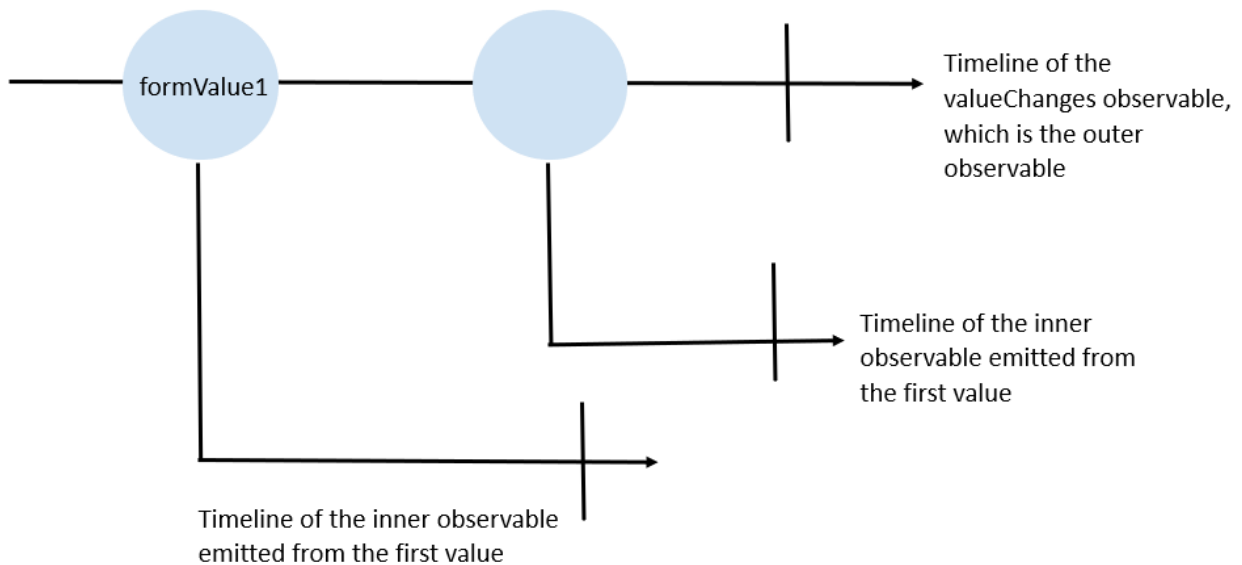
CookingTime

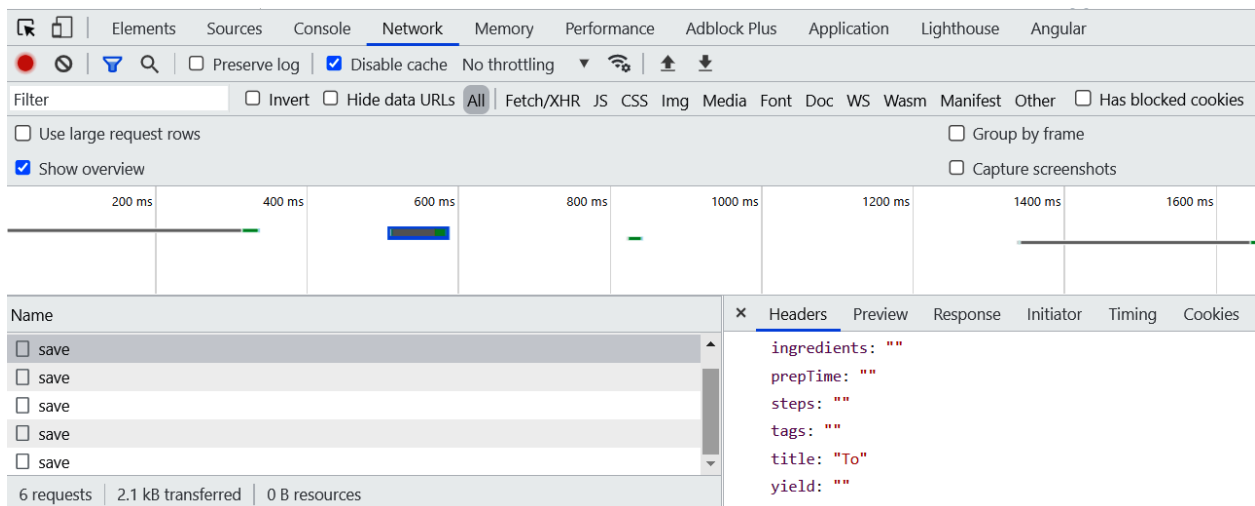
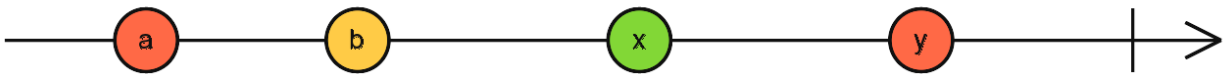
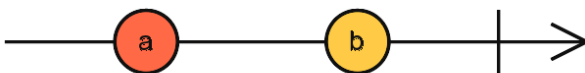
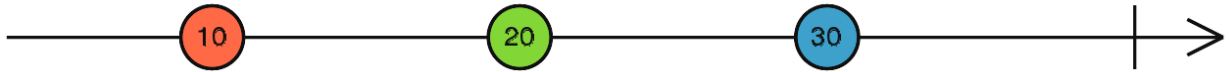
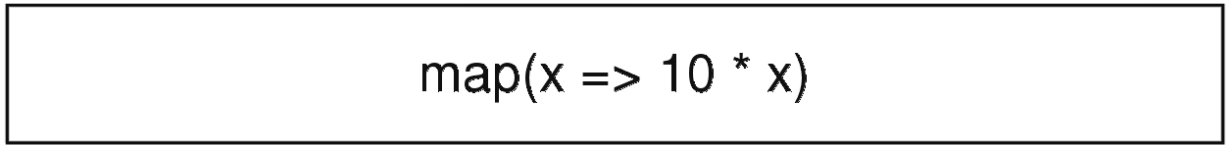
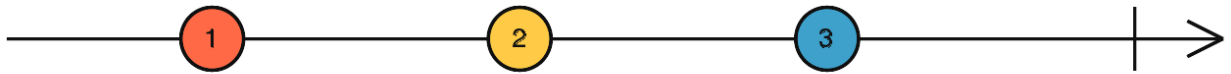
Yield

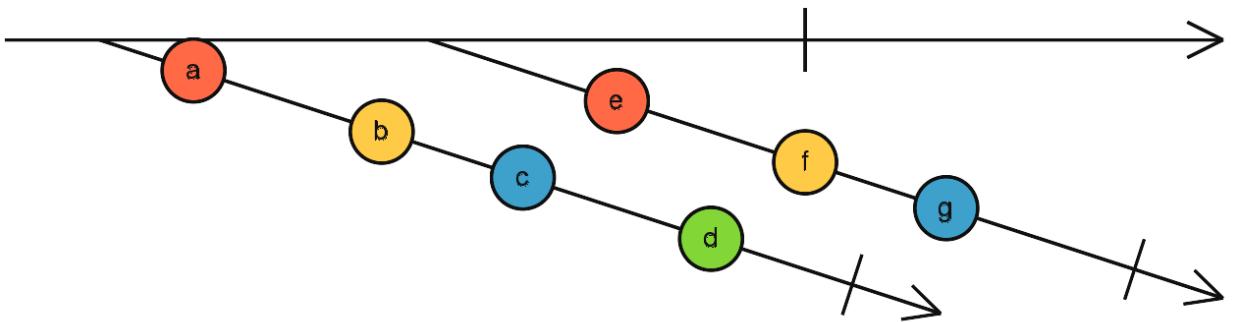
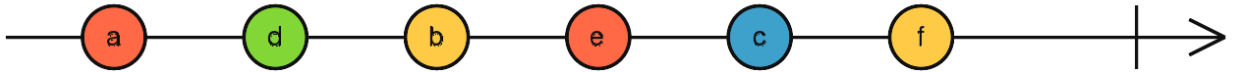
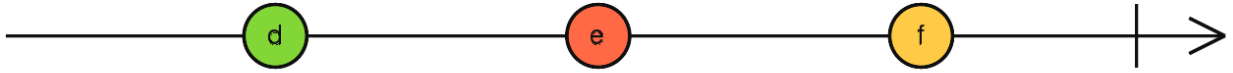
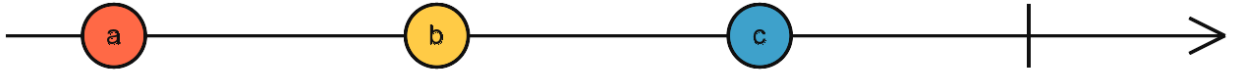
Preparation Time

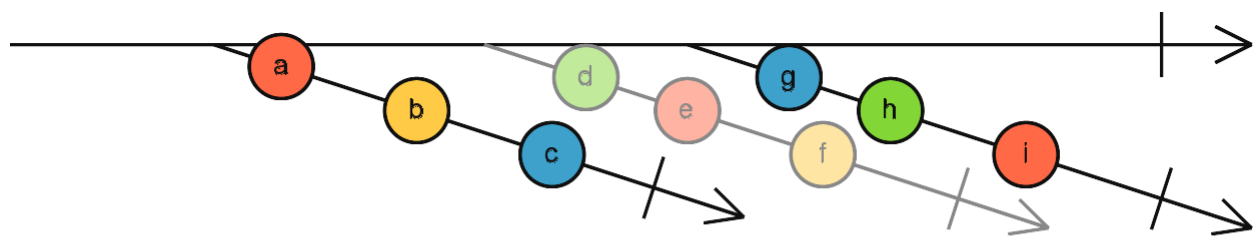
Steps

Cancel

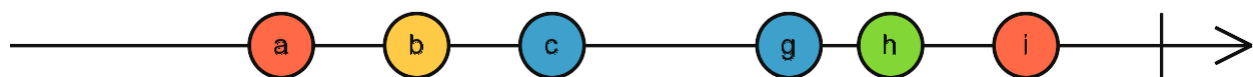




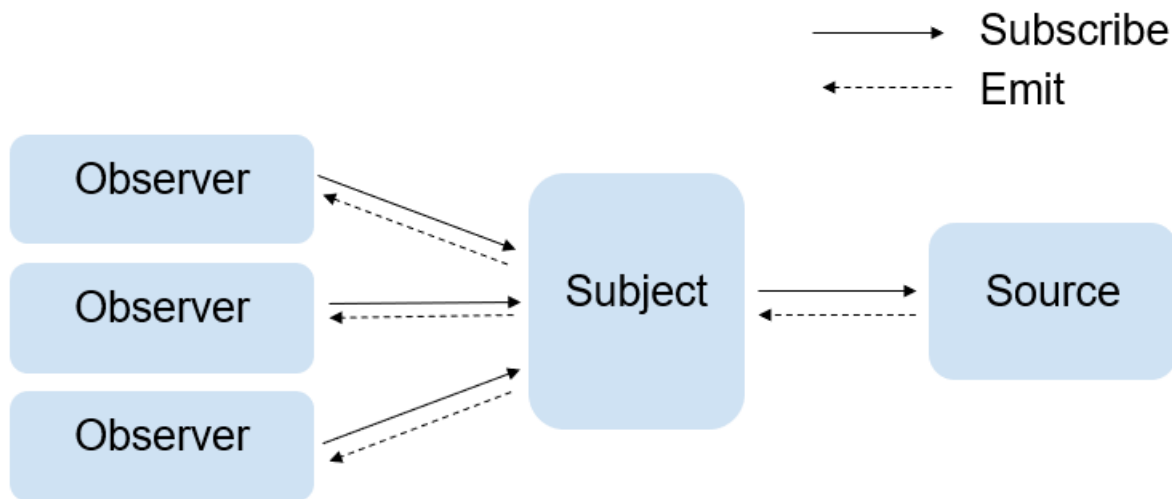




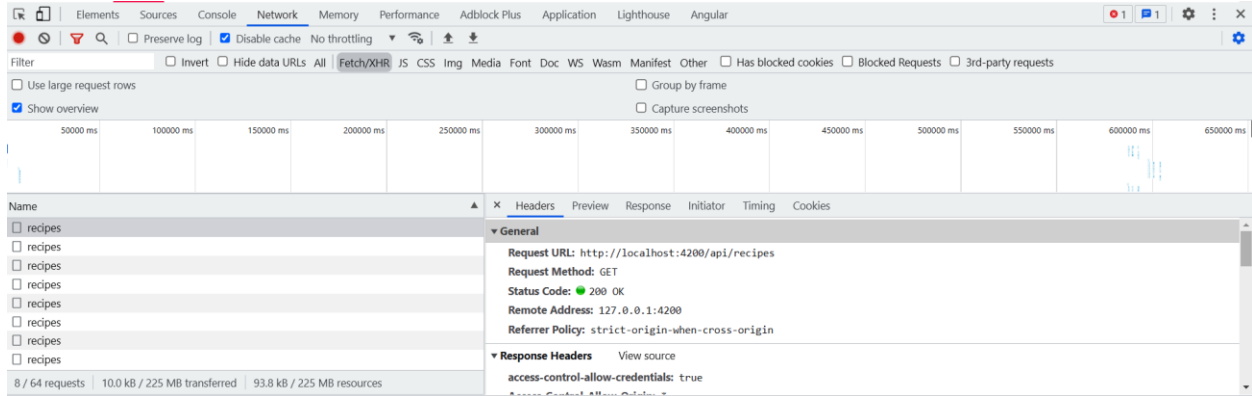
exhaust



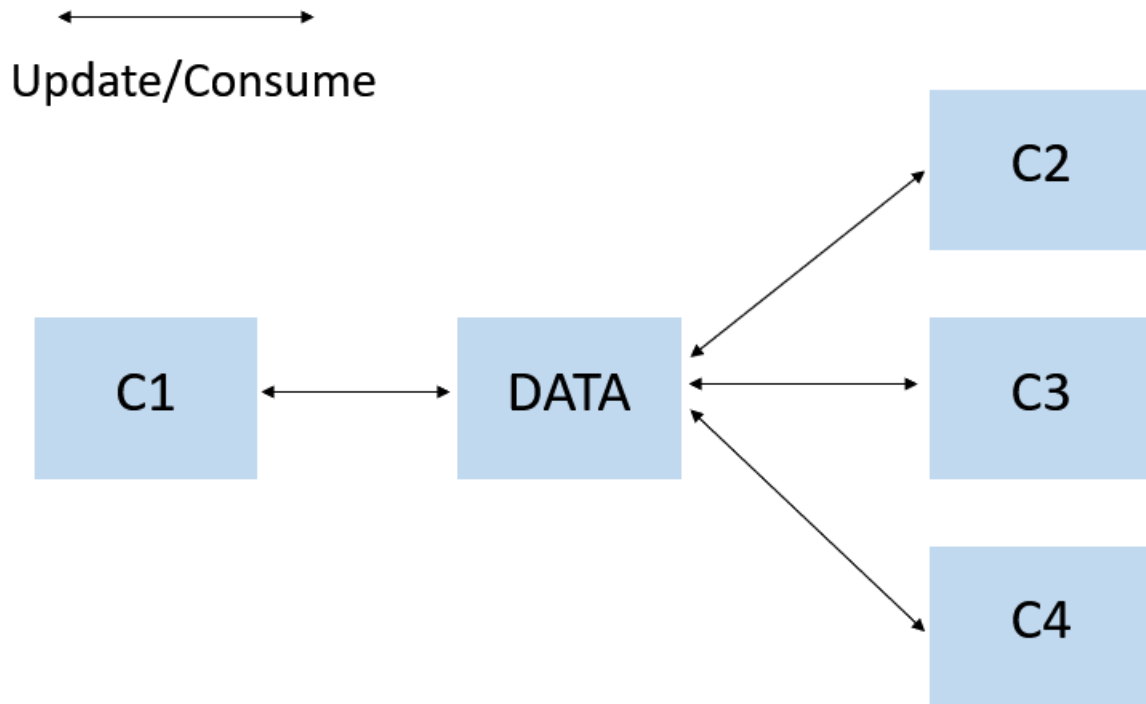
Chapter 08: Multicasting Essentials



Chapter 09: Caching Streams



Chapter 10: Sharing Data between Components



Filters

Clear all

Keyword:

Category:


Ingredient:

Tags:


Preparation Time:

Cooking Time:


See results




Lemon cake
Lemon cake
☆☆☆☆
10min





Lemon Pie
Lemon Pie
☆☆☆☆
10min

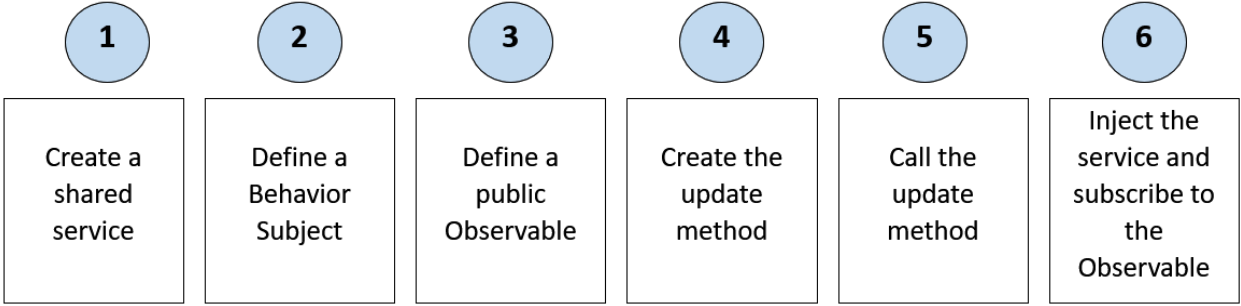


Tortilla Wrap
Tortilla Wrap
☆☆☆☆
10min





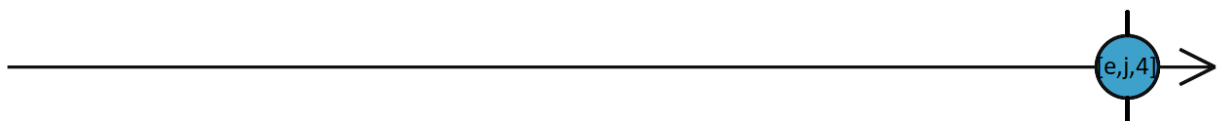
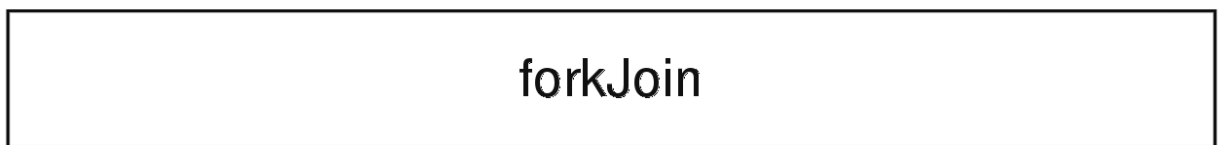
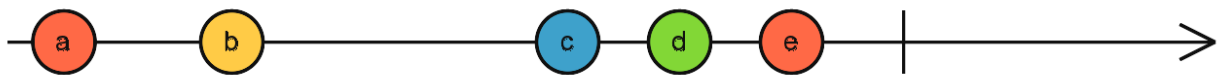
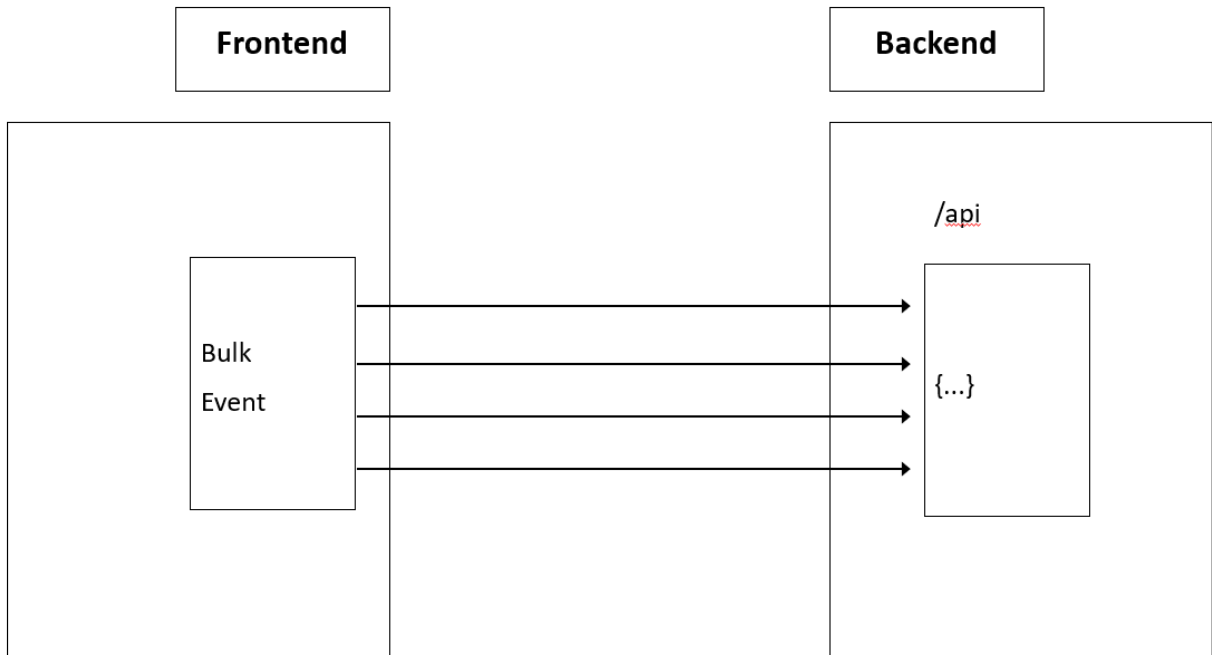




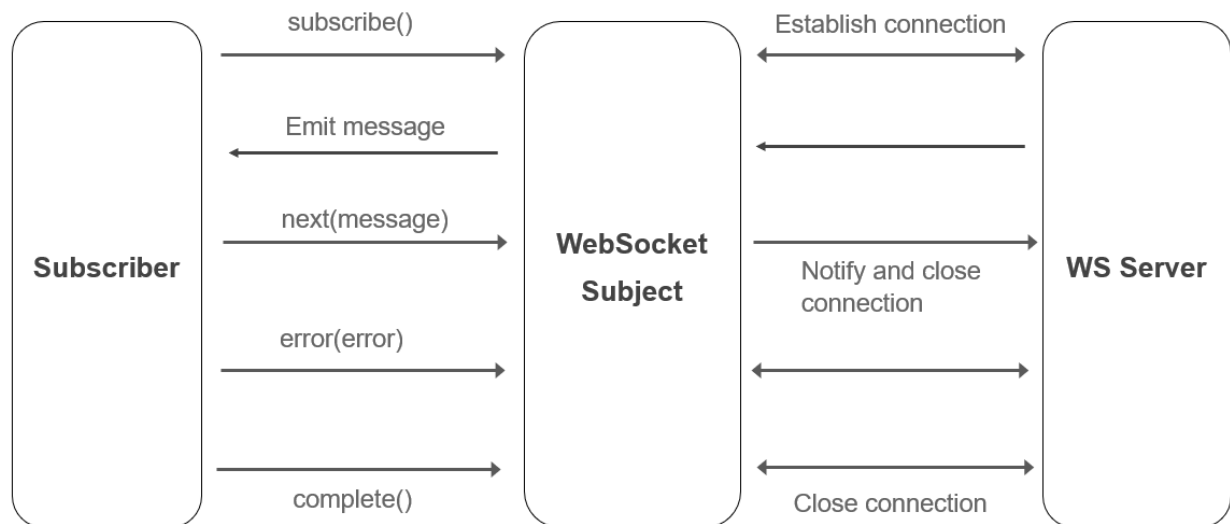
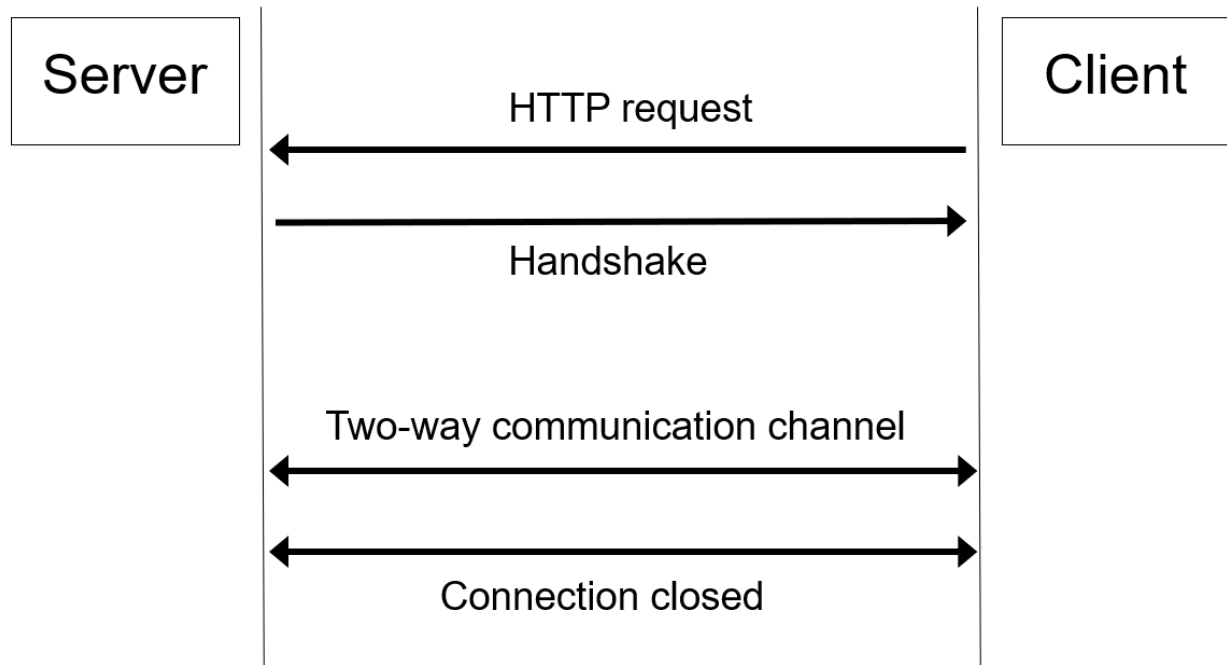
Chapter 11: Bulk Operations

New Recipe

Title	Ingredients		Tags
<input type="text"/>	<input type="text"/>	+	<input type="radio"/> Dinner <input type="radio"/> Healthy <input type="radio"/> Salty <input type="radio"/> Sweet <input type="radio"/> Italian <input type="radio"/> Lunch <input type="radio"/> Breakfast
Yield	Preparation Time		Cooking Time
<input type="text"/>	<input type="text"/>		<input type="text"/>
Steps			
<div><div></div></div>			
ImageUrl			
<div><div>+ Choose</div><div> Upload</div><div> Cancel</div></div>			
<div><div></div><div>fresh-raw-steaks-trout-wooden-cutting-board-with-sliced-lemon-rosemary-pepper.jpg</div><div>5.471 MB</div><div></div></div>			
<div><div></div><div>dietary-salad-with-mussels-quail-eggs-cucumbers-radish-lettuce-healthy-food-seafood-salad-top-view-flat-lay.jpg</div><div>17.192 MB</div><div></div></div>			



Chapter 12: Processing Real-Time Updates



Chapter 13: Testing RxJS Observables

```
TOTAL: 2 SUCCESS
✓ Browser application bundle generation complete.
Chrome 95.0.4638.69 (Windows 10): Executed 2 of 8 (skipped 6) SUCCESS (0.046 secs / 0.018 secs)
TOTAL: 2 SUCCESS
✓ Browser application bundle generation complete.
Chrome 95.0.4638.69 (Windows 10): Executed 2 of 8 (skipped 6) SUCCESS (0.046 secs / 0.016 secs)
TOTAL: 2 SUCCESS
✓ Browser application bundle generation complete.
Chrome 95.0.4638.69 (Windows 10): Executed 1 of 7 (skipped 6) SUCCESS (0.038 secs / 0.018 secs)
TOTAL: 1 SUCCESS
```

```
Chrome 95.0.4638.69 (Windows 10) SampleService marble tests should return values in the right order FAILED
  Error: Expected $[0].notification.value = 'Hello' to equal 'Hello22'.
    at <Jasmine>
    at TestScheduler.assertDeepEqual (src/app/core/services/shared-data.service.spec.ts:43:18)
    at node_modules/rxjs/_esm2015/internal/testing/TestScheduler.js:110:1
    at Array.filter (<anonymous>)
Chrome 95.0.4638.69 (Windows 10): Executed 4 of 10 (1 FAILED) (skipped 6) (0.073 secs / 0.043 secs)
TOTAL: 1 FAILED, 3 SUCCESS
```