



---

# Routing (aka mapping of components to urls)







Part of vue



vue-router




Part of angular



@angular/router



```
const routes = [  
  { path: '/todos', component: TodoList },  
  { path: '/todos/:id', component: Todo },  
  { path: '/', redirect: { name: 'todos' } },  
  { path: '*', component: PageNotFound }  
]  
  
const router = new VueRouter({  
  routes // short for `routes: routes`  
})
```



```
const appRoutes: Routes = [
  { path: 'todos', component: TodoListComponent },
  { path: 'todos/:id', component: TodoComponent },
  { path: '', redirectTo: '/todos', pathMatch: 'full'
  },
  { path: '**', component: PageNotFoundComponent }
];

@NgModule({
  imports: [RouterModule.forRoot(appRoutes)],
  exports: [RouterModule]
})
export class AppRoutingModule {}
```



# Routing (aka mapping of components to urls)



```
const appRoutes: Routes = [
  { path: 'todos', component: TodoListComponent },
  { path: 'todos/:id', component: TodoComponent },
  { path: '', redirectTo: '/todos', pathMatch: 'full' },
  { path: '**', component: PageNotFoundComponent }
];

@NgModule({
  imports: [RouterModule.forRoot(appRoutes)],
  exports: [RouterModule]
})
export class AppRoutingModule {}
```

✓ Part of angular  
📦 @angular/router



```
const routes = [
  { path: '/todos', component: TodoList },
  { path: '/todos/:id', component: Todo },
  { path: '/', redirect: { name: 'todos' } },
  { path: '*', component: PageNotFound }
]

const router = new VueRouter({
  routes // short for `routes: routes`
})
```

✓ Part of vue  
📦 vue-router

# Fetch data from backend



```
export class TodoListComponent implements OnInit {
  todos$: Observable<Todo[]>;

  constructor(private http:HttpClient) {
  }

  ngOnInit() {
    this.todos$ = this.http
      .get<Todo[]>('https://someUrl/todos');
  }
}
```

- ✓ Part of angular
- 📦 @angular/common



```
<script>
export default {
  data: function () {
    return {
      todos: []
    }
  },
  mounted () {
    axios
      .get('https://someUrl/todos')
      .then(response => (this.todos = response))
  }
}
</script>
```

- ✗ Not part of vue
- 📦 i.e. axios or vue-resource
- 📄 <https://github.com/vuejs/awesome-vue#http-requests>