

Build components and render data







Part of vue



vue



Part of angular



@angular/core



```
<template>
  <li>{{ todo }}</li>
</template>

<script>
export default {
  data: function () {
    return {
      todo: 'learn vue'
    }
  }
}
</script>
```



```
@Component({  
  selector: 'todo-item',  
  template: '<li>{{ todo }}</li>',  
})  
export class TodoItemComponent {  
  todo: string = 'learn angular';  
}
```


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@Component({
  selector: 'todo-item',
  template: '<li>{{ todo }}</li>',
})
export class TodoItemComponent {
  todo: string = 'learn angular';
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<template>
  <li>{{ todo }}</li>
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<script>
export default {
  data: function () {
    return {
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    }
  }
}
</script>
```

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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 {}
```

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```
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`
})
```

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