Curso Vue.js + Ionic

Sesión 2

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Ionic framework

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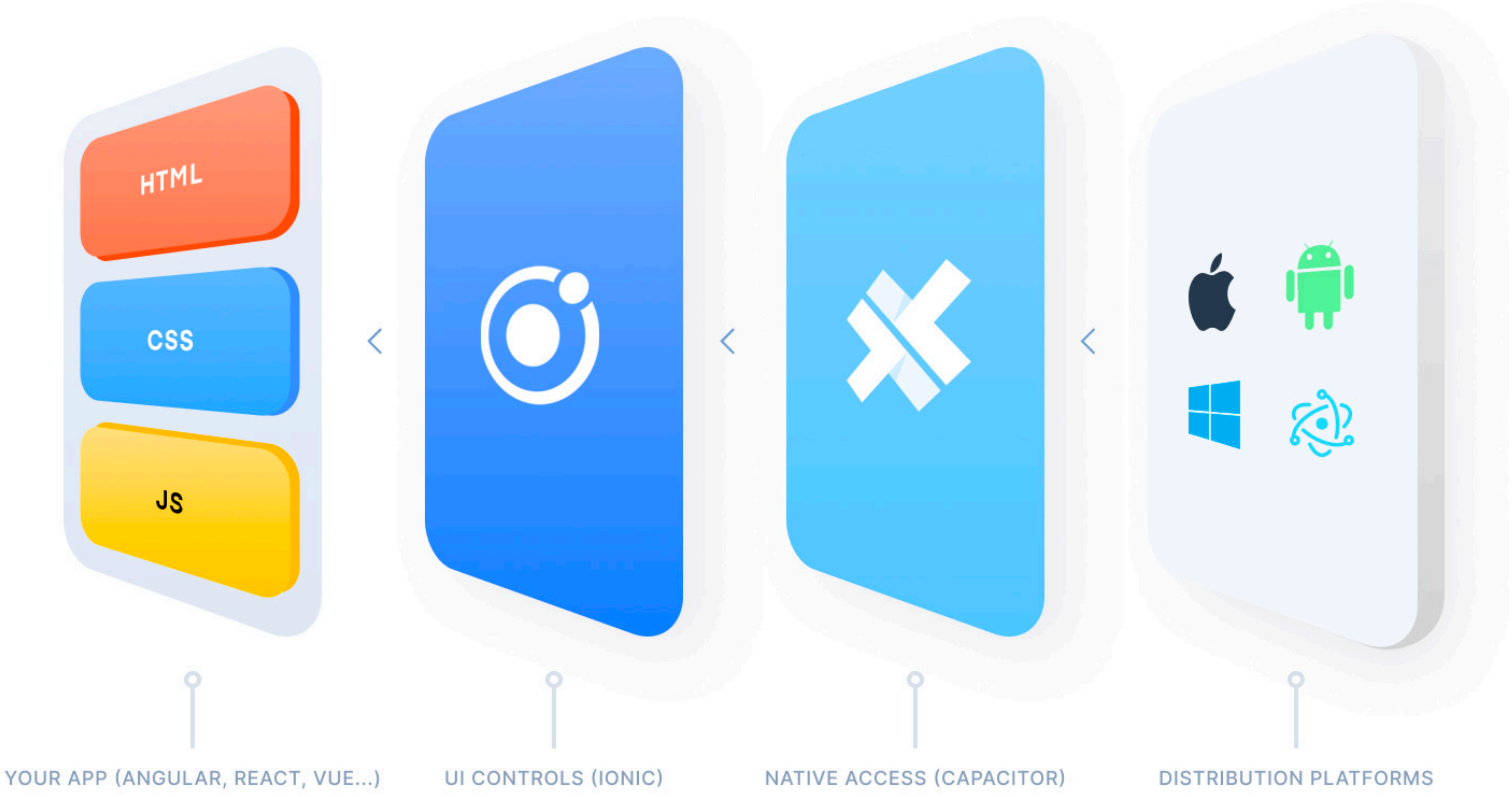
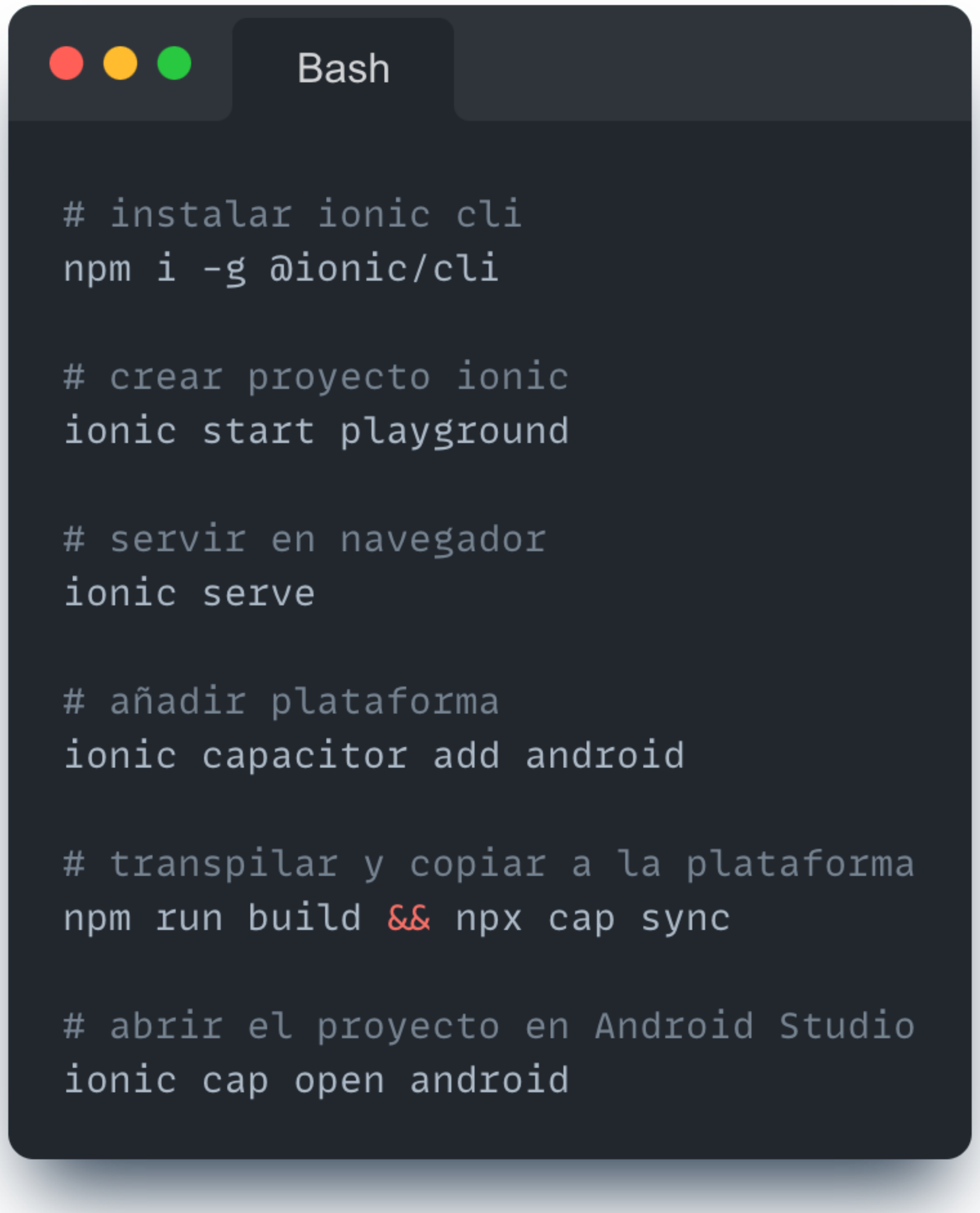
7. Introducción a Ionic

Estructura básica



8. Ionic CLI

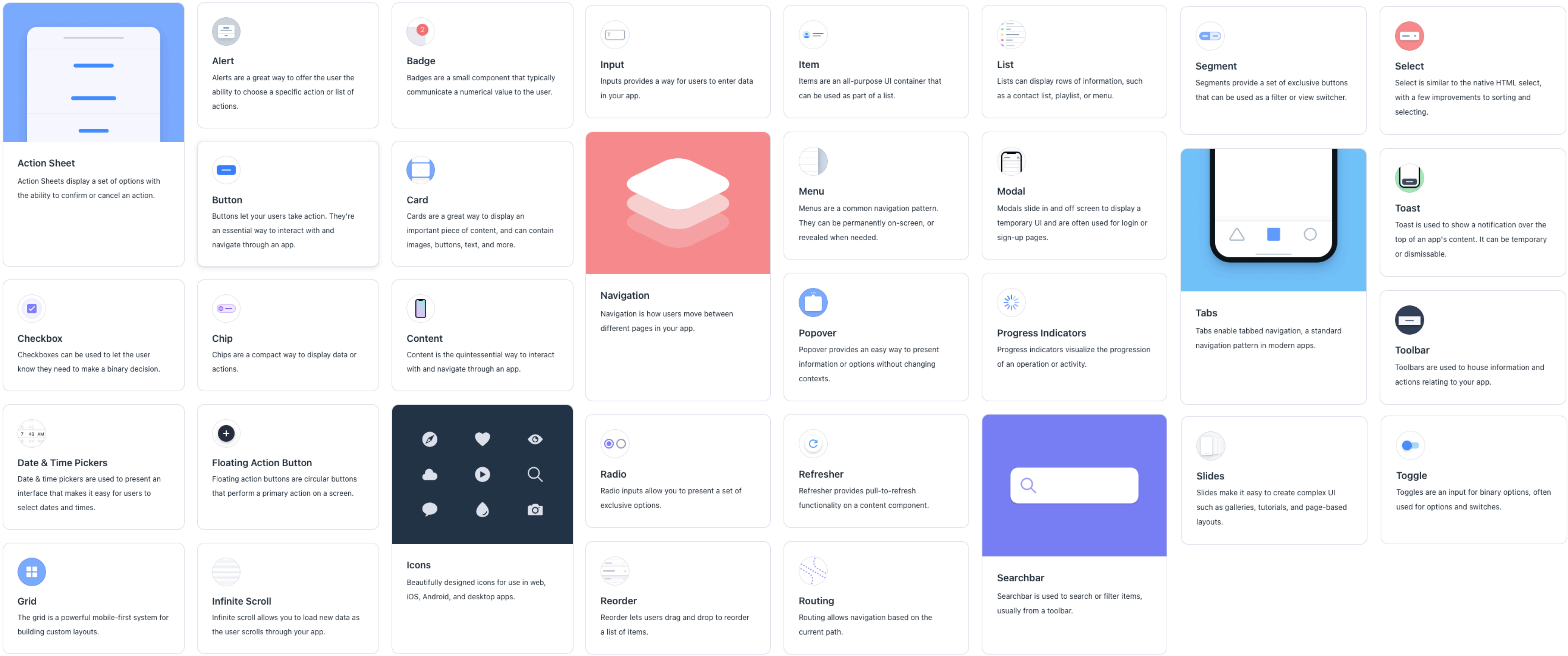
Ionic CLI:



```bash
# instalar ionic cli
npm i -g @ionic/cli

# crear proyecto ionic
ionic start playground

# servir en navegador
ionic serve

# añadir plataforma
ionic capacitor add android

# transpilar y copiar a la plataforma
npm run build && npx cap sync

# abrir el proyecto en Android Studio
ionic cap open android
```

9. Componentes UI de Ionic

Componentes web con visual nativo



Action Sheet
Action Sheets display a set of options with the ability to confirm or cancel an action.

Alert
Alerts are a great way to offer the user the ability to choose a specific action or list of actions.

Badge
Badges are a small component that typically communicate a numerical value to the user.

Button
Buttons let your users take action. They're an essential way to interact with and navigate through an app.

Card
Cards are a great way to display an important piece of content, and can contain images, buttons, text, and more.

Checkbox
Checkboxes can be used to let the user know they need to make a binary decision.

Chip
Chips are a compact way to display data or actions.

Content
Content is the quintessential way to interact with and navigate through an app.

Date & Time Pickers
Date & time pickers are used to present an interface that makes it easy for users to select dates and times.

Floating Action Button
Floating action buttons are circular buttons that perform a primary action on a screen.

Grid
The grid is a powerful mobile-first system for building custom layouts.

Icons
Beautifully designed icons for use in web, iOS, Android, and desktop apps.

Infinite Scroll
Infinite scroll allows you to load new data as the user scrolls through your app.

Input
Inputs provides a way for users to enter data in your app.

Item
Items are an all-purpose UI container that can be used as part of a list.

List
Lists can display rows of information, such as a contact list, playlist, or menu.

Menu
Menus are a common navigation pattern. They can be permanently on-screen, or revealed when needed.

Modal
Modals slide in and off screen to display a temporary UI and are often used for login or sign-up pages.

Navigation
Navigation is how users move between different pages in your app.

Popover
Popover provides an easy way to present information or options without changing contexts.

Progress Indicators
Progress indicators visualize the progression of an operation or activity.

Radio
Radio inputs allow you to present a set of exclusive options.

Refresher
Refresher provides pull-to-refresh functionality on a content component.

Reorder
Reorder lets users drag and drop to reorder a list of items.

Routing
Routing allows navigation based on the current path.

Searchbar
Searchbar is used to search or filter items, usually from a toolbar.

Segment
Segments provide a set of exclusive buttons that can be used as a filter or view switcher.

Select
Select is similar to the native HTML select, with a few improvements to sorting and selecting.

Slides
Slides make it easy to create complex UI such as galleries, tutorials, and page-based layouts.

Tabs
Tabs enable tabbed navigation, a standard navigation pattern in modern apps.

Toast
Toast is used to show a notification over the top of an app's content. It can be temporary or dismissable.

Toggle
Toggles are an input for binary options, often used for options and switches.

Toolbar
Toolbars are used to house information and actions relating to your app.

9. Componentes UI de Ionic

Lista de componentes vistos

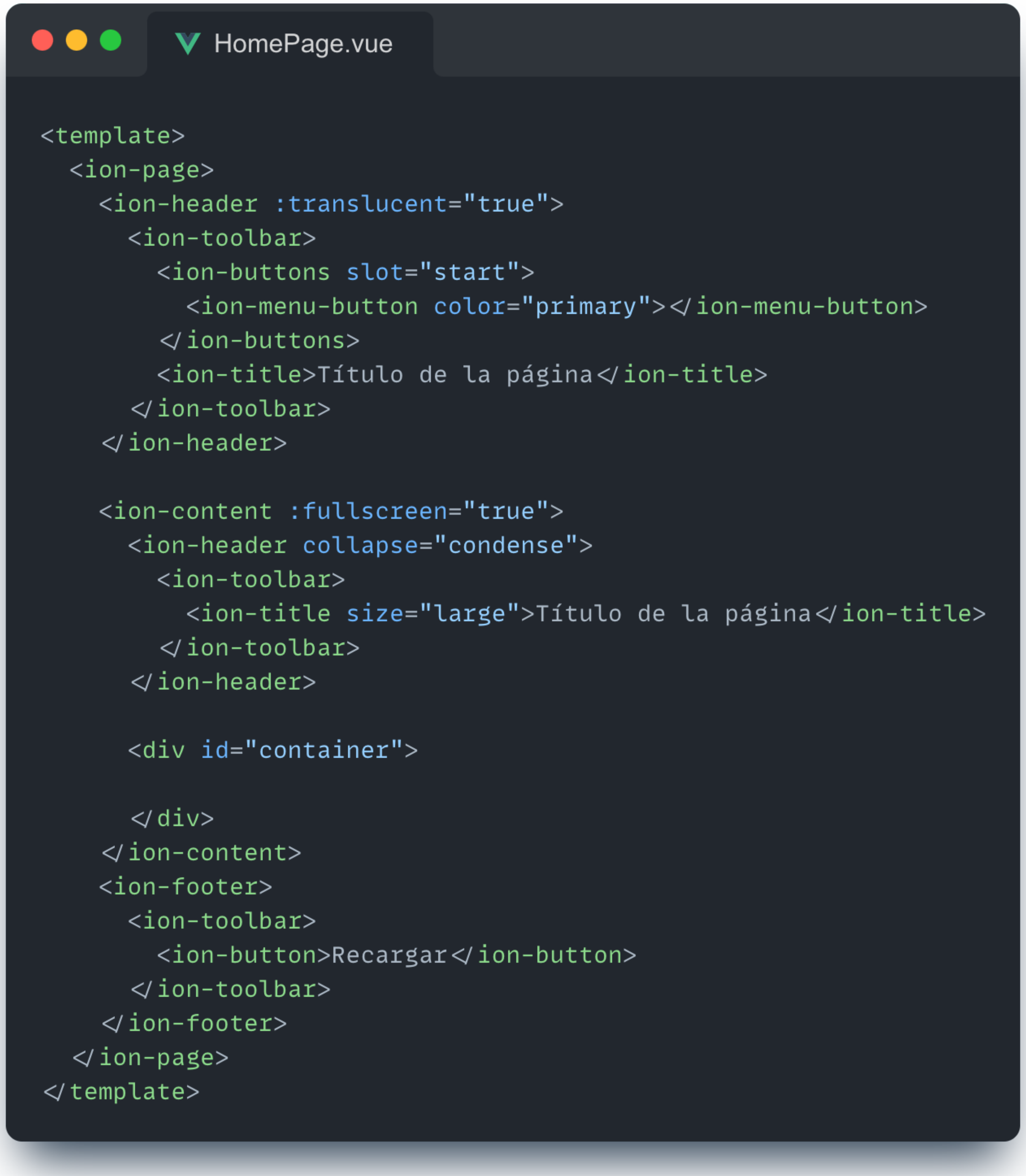
- ion-button
- ion-grid
  - ion-row
  - ion-col
- ion-card
  - ion-card-content
  - ion-card-header
  - ion-card-title
  - ion-card-subtitle

- ion-list
  - ion-list-header
  - ion-item → ion-label
  - ion-item-sliding → ion-item-options → ion-item-option → ion-icon
- ion-input
  - ion-item → ion-label → ion-input
- ion-textarea
- ion-checkbox
- ion-select
  - ion-select-option
- ion-radio-group
  - ion-item → ion-radio

- ion-avatar
- ion-thumbnail
- ion-img
- ion-icon
  - https://ionic.io/ionicons
- ion-loading
- ion-progress-bar
- ion-spinner

10. Estructura de un <ion-page>

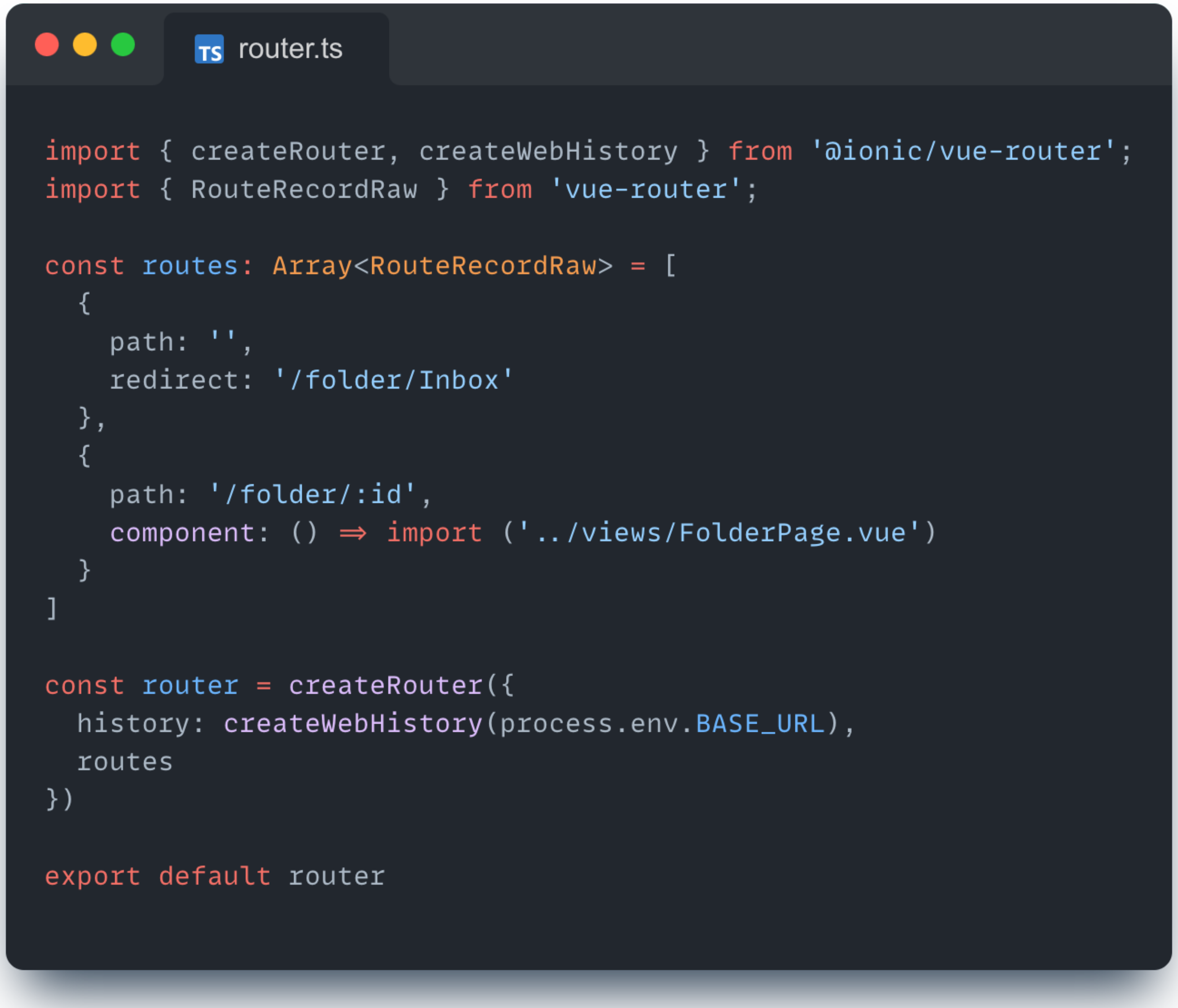
La plantilla básica de Ionic sobre Vue



```
<template>
  <ion-page>
    <ion-header :translucent="true">
      <ion-toolbar>
        <ion-buttons slot="start">
          <ion-menu-button color="primary"></ion-menu-button>
        </ion-buttons>
        <ion-title>Título de la página</ion-title>
      </ion-toolbar>
    </ion-header>

    <ion-content :fullscreen="true">
      <ion-header collapse="condense">
        <ion-toolbar>
          <ion-title size="large">Título de la página</ion-title>
        </ion-toolbar>
      </ion-header>

      <div id="container">

      </div>
    </ion-content>
    <ion-footer>
      <ion-toolbar>
        <ion-button>Recargar</ion-button>
      </ion-toolbar>
    </ion-footer>
  </ion-page>
</template>
```

11. Navegación y el <ion-router>

Router en ionic (Vuejs)



```ts
import { createRouter, createWebHistory } from '@ionic/vue-router';
import { RouteRecordRaw } from 'vue-router';

const routes: Array<RouteRecordRaw> = [
  {
    path: '',
    redirect: '/folder/Inbox'
  },
  {
    path: '/folder/:id',
    component: () => import ('../views/FolderPage.vue')
  }
]

const router = createRouter({
  history: createWebHistory(process.env.BASE_URL),
  routes
})

export default router
```

11. Navegación y el <ion-router>

Lista de componentes vistos

- router-link to
- ion-tabs → ion-tab-bar → ion-tab-button
  - ion-router-outlet
- ion-split-pane
  - ion-menu
    - ion-menu-toggle
- ion-popover
  - ion-content → ion-list → ion-item
- ion-action-sheet
- ion-alert
- ion-toast

Sesión 2

Recursos

https://ionicframework.com/docs/components

https://capacitorjs.com/docs

https://ionic.io/ionicons