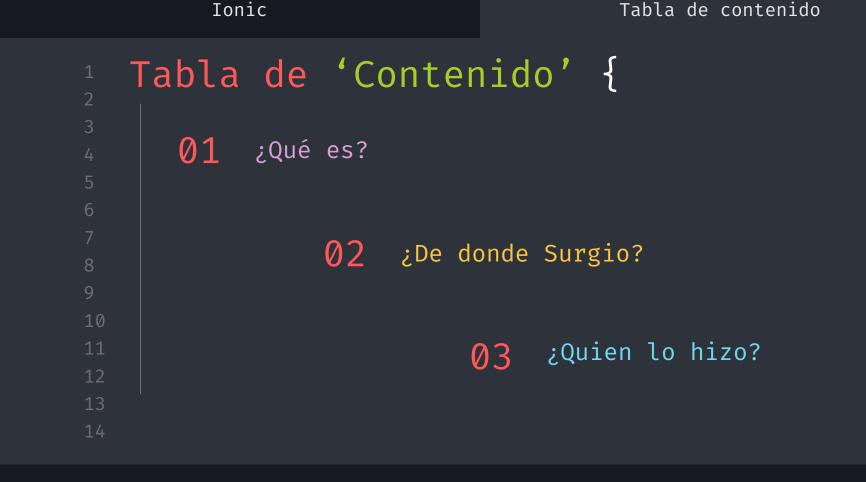
```
IONIC 'Framework' {
  Para noobs Introducción
      < Sebastian Castaneda Romero >
      < Juan David Cristancho Rincon >
      < Santiago Duque Bernal>
      < Daniel Alejandro Pallares Rubio >
      < Santiago Alejandro Morales Pulido >
```







¿Que es?

Desarrollo de aplicaciones móviles

```
Conceptos < /1 > {
         < Ionic es un SDK open-source para desarrollo
         híbrido de aplicaciones móviles.>
Conceptos < /2 > {
         < A pesar de que inicialmente fue construido
         en Angular, ha evolucionado en un set de
         componentes web que puede escribirse en React,
         Vue o Angular >
```



```
Inicios {
 < Ionic Framework >
 < Ionic 3 >
```



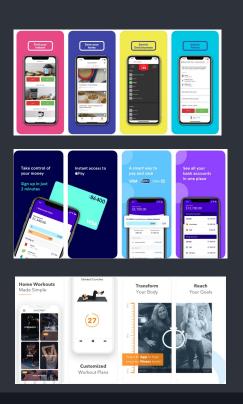


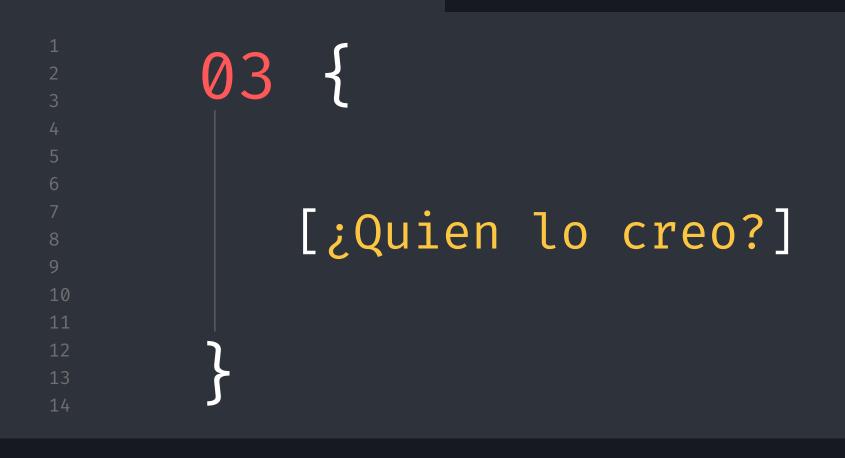
```
Evolucion {
 < Ionic 4 >
 < Ionic 5 >
```





```
Actualidad {
 < Instant Pot >
 < 86 4000>
 < Sworkit >
```





¿Quien lo creo?

Desarrollo de aplicaciones móviles

Ionic

¿Quien lo creo? { University of Wisconsin-Madi < Max Lynch > son University of < Ben Sperry > Wisconsin-Madison University of Wisconsin-La < Adam Bradley > Crosse

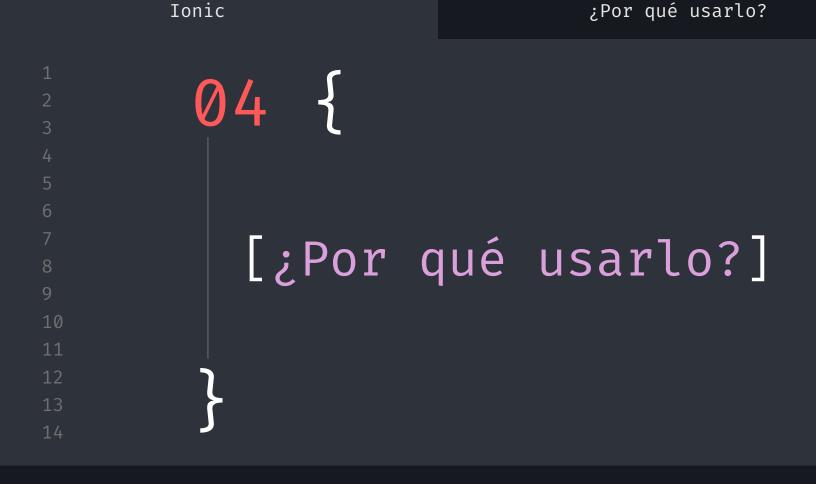


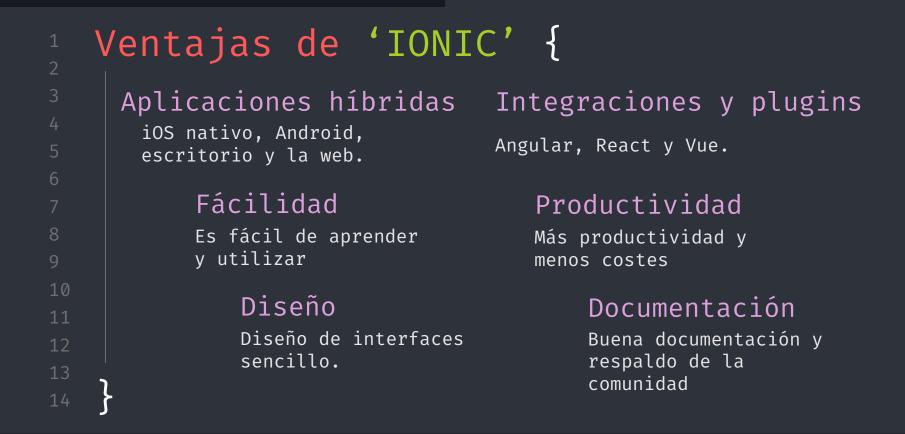


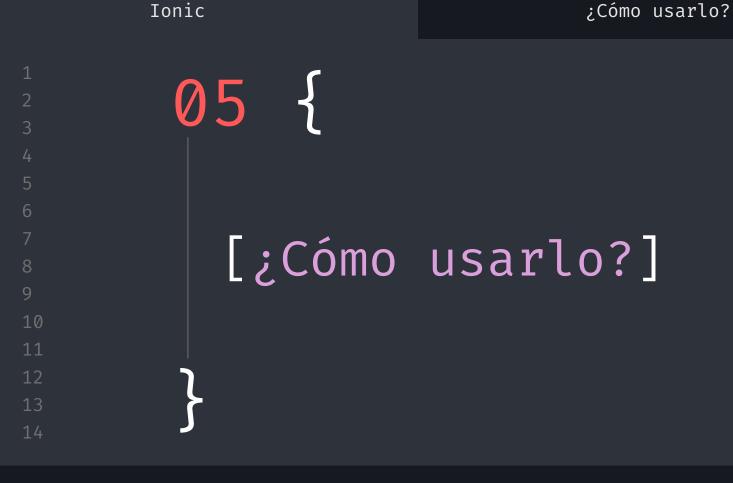












```
¿Como usarlo? {
                 * Node.js
 < Requisitos >
                   npm
                 * cli
 < Instalacion >
                 * npm install -g @ionic/cli
                   CDN e integracion con react, angular y vue
                   npm install @ionic/angular@latest --save
                   Para las versiones con react y vue se
                   requiere configurar estilos(css)
```

Ionic



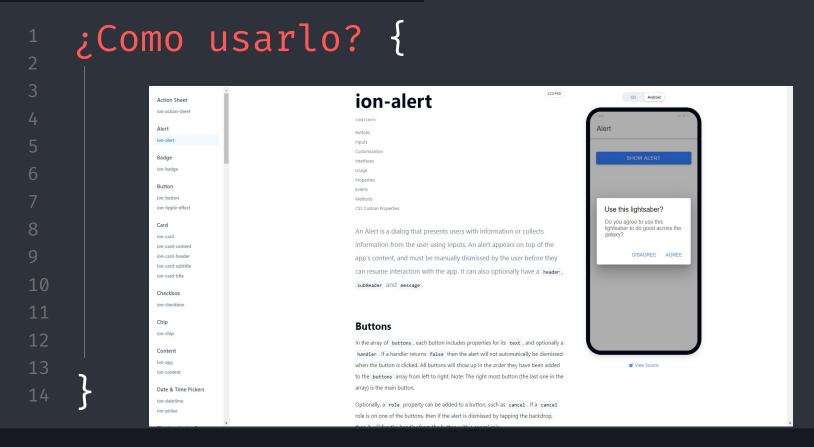
```
¿Como usarlo? {
                              * Navegador web local
  previsualización * Android
                            * IOS
         . .
          $ ionic serve
          > ng run app:serve --host=0.0.0.0 --port=8100
          [INFO] Development server running!
          Local: http://localhost:8100
          External: http://192.168.1.169:8100
          Use Ctrl+C to quit this process
          [INFO] Browser window opened to http://localhost:8100!
```

Ionic

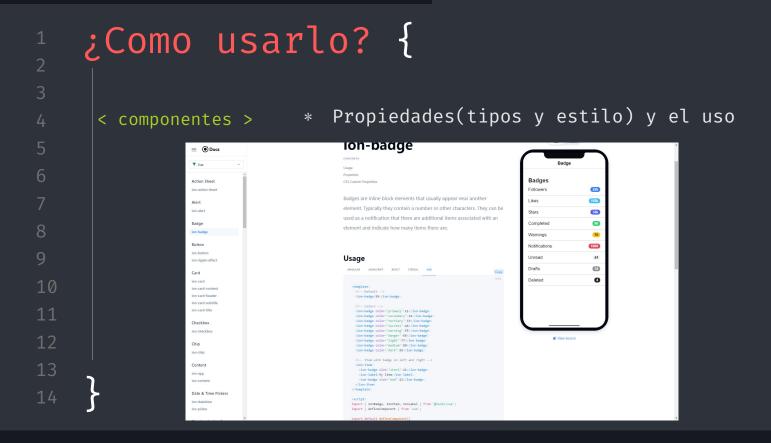
```
¿Como usarlo? {
                          * pagina, componente, directivo, servicio
 < features >
               .
               $ ionic g page "User Detail"
               > ng generate page "User Detail"
               CREATE src/app/user-detail/user-detail.module.ts (564 bytes)
               CREATE src/app/user-detail/user-detail.page.scss (0 bytes)
               CREATE src/app/user-detail/user-detail.page.html (138 bytes)
               CREATE src/app/user-detail/user-detail.page.spec.ts (720 bytes)
               CREATE src/app/user-detail/user-detail.page.ts (280 bytes)
               UPDATE src/app/app-routing.module.ts (475 bytes)
               [OK] Generated page!
```

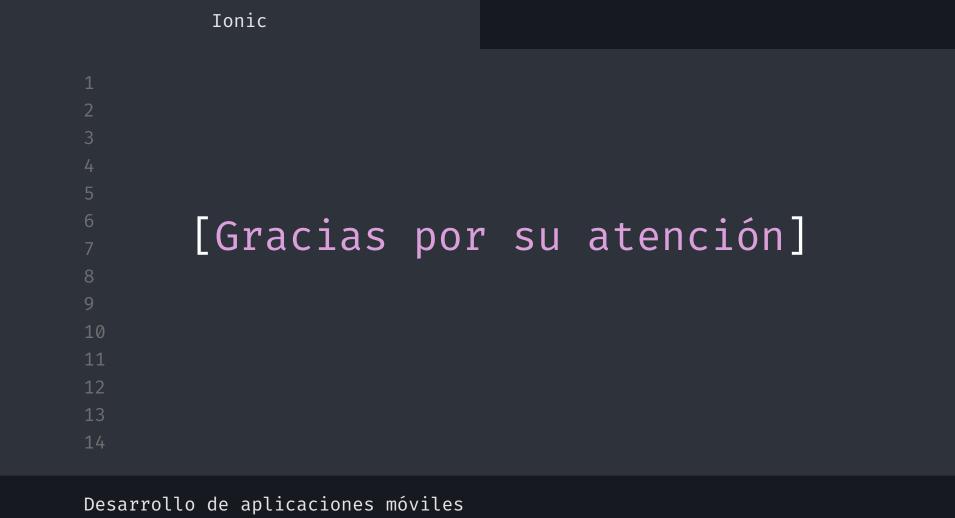
¿Como usarlo?

```
¿Como usarlo? {
                                                                                           grillas , botones, cartas, etc
      < componentes >
                                   ≡ ⑥ Docs Framework ∨ Guide Components CLI Native
                                    ¥ vue
                                                                                           ion-action-sheet
                                                                                                                                                                        IOS Android
                                    Action Sheet
                                    ion-action-sheet
                                                                                                                                                                Action Sheet
                                    Alort
                                    Badge
                                                                                            Events
                                    ion-ripple-effect
                                                                                            An Action Sheet is a dialog that displays a set of options. It appears on
                                    Card
                                    ion-card
                                                                                            top of the app's content, and must be manually dismissed by the user
                                                                                            before they can resume interaction with the app. Destructive options are
                                    ion-card-header
                                                                                            made obvious in sos mode. There are multiple ways to dismiss the
                                                                                            action sheet, including tapping the backdrop or hitting the escape key on
                                    Checkbox
                                    Chip
                                                                                                                                                                Favorite
                                                                                            Buttons
                                                                                            A button's role property can either be destructive or cancel . Buttons without a
                                                                                            role property will have the default look for the platform. Buttons with the cancel role
                                                                                                                                                                         W View Source
                                                                                            will always load as the bottom button, no matter where they are in the array. All other
                                    Date & Time Pickers
                                                                                            Note: We recommend that destructive buttons are always the first button in the
                                                                                            array, making them the top button. Additionally, if the action sheet is dismissed by
                                                                                            tapping the backdrop, then it will fire the handler from the button with the cancel role.
```



Ionic ¿Como usarlo?





```
Resources {
    Did you like the resources on this template? Get
    them for free at our other websites:
        Photos:
          Close up hacker
            Medium shot woman working computer
        Icons:
          Web design
```