PWAs: Utilidades

Enrique Barra

Utilidades

- Trusted Web Activities

- Lighthouse

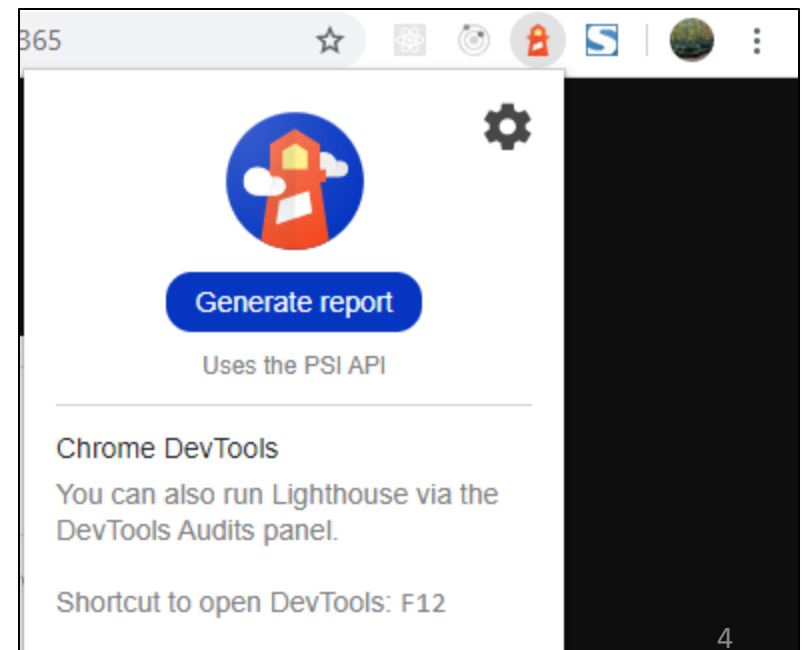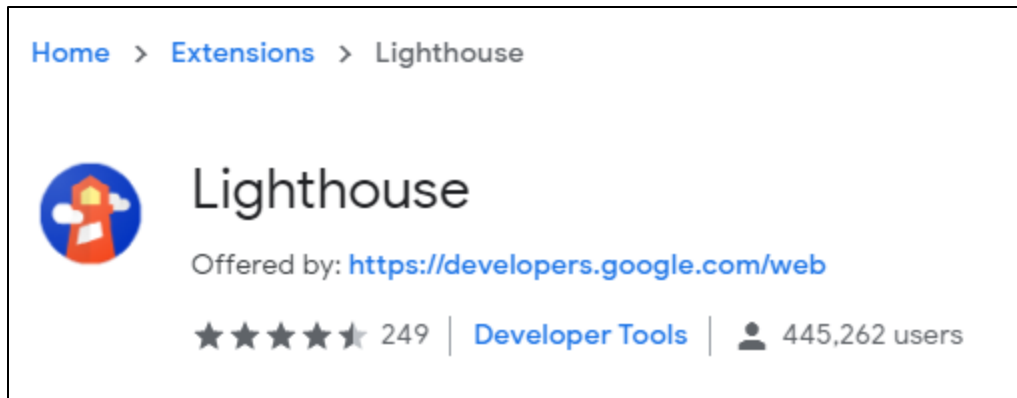- PwaBuilder
- Pwa Starter

- Glitch

- Ejemplos y case studies

TWA – Cómo llevar nuestra PWA a la Play Store

- Ya se pueden llevar a la Play Store gracias a las **Trusted Web Activity**

- Una **Trusted Web Activity** ejecuta un Chrome a pantalla completa dentro de una app Android, sin la interfaz visible dejando de parecer un navegador

- Documentación oficial TWA:
  – https://developers.google.com/web/android/trusted-web-activity
- Algunos posts TWA:
  – https://medium.com/@firt/google-play-store-now-open-for-progressive-web-apps-ec6f3c6ff3cc
  – https://www.genbeta.com/desarrollo/trusted-web-activity-punto-inflexion-desarrolladores-puedan-distribuir-sus-progressive-web-app-google-play
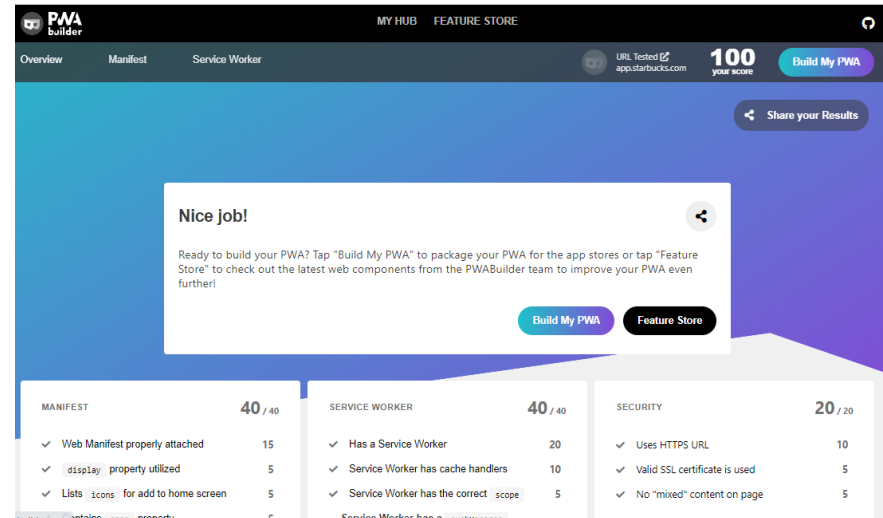
Extensión de Chrome - Lighthouse

- https://developers.google.com/web/tools/lighthouse/
- Herramienta que provee Google para auditar webs
  - Rendimiento
  - PWA
  - Mejores prácticas
  - Accesibilidad
  - SEO

PWA Builder

- Te ayuda a crear una PWA a partir de un sitio web
- https://www.pwabuilder.com/

- Muchas utilidades adicionales:
  - https://components.pwabuilder.com/
  - https://www.pwabuilder.com/generate
  - https://www.pwabuilder.com/serviceworker

PWA Starter

- Esqueleto en GitHub para comenzar con nuestra PWA

- Creado por PwaBuilder

- URL:
  - https://github.com/pwa-builder/pwa-starter
- Demo:
  - https://pwa-starter-demo.glitch.me/

Glitch

- Site muy útil con un editor de código online

- Permite edición compartida

- Permite desplegar (con https)

- Permite unir con github

- Consola

- …

- URL:
  - https://glitch.com/

Ejemplos

- https://pwa.rocks/

- http://progressivewebapproom.com/

- https://pwa-directory.appspot.com/

  - https://app.starbucks.com/

  - https://twitter.com/home

  - https://app.ft.com/

  - https://pokedex.org/

  - …

Case Study - Twitter

- Twitter Lite PWA Significantly Increases Engagement and Reduces Data Usage

  - https://developers.google.com/web/showcase/2017/twitter

- Datos:

  - 65% increase in pages per session

  - 75% increase in Tweets sent

  - 20% decrease in bounce rate

- Nicolas Gallagher, Engineering Lead for Twitter Lite:

  - *"Twitter Lite is now the fastest, least expensive, and most reliable way to use Twitter. The web app rivals the performance of our native apps but requires less than 3% of the device storage space compared to Twitter for Android."*

Case Studies

- https://developers.google.com/web/showcase
  - BookMyShow's new Progressive Web App drives an 80% increase in conversions
  - Ele.me improves performance load times with a multi-page Progressive Web App
  - Nikkei achieves a new level of quality and performance with their multi-page PWA
  - George.com enhances the mobile customer experience with new Progressive Web App

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