

Android Way to Pro

Roadmap 2019





Ana Coimbra

Android developer lead @Kobe



@anacoimbrag



@anacoimbrag



Diogo Cabral

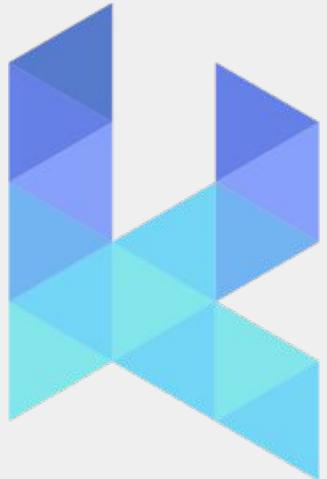
Mobile consultant developer @Thoughtworks



@drcabrales



@drcabral



ThoughtWorks®

Grande parte das boas iniciativas...

 **Diogo Cabral** @DrCabral - Jan 2
Estou me aprofundando mais em temas referentes a desenvolvimento mobile (Android) e me bateu a curiosidade se possuímos esse tipo de conteúdo que a galera do desenvolvimento web elabora e mantêm atualizado.

[github.com/kamranahmedse/...](https://github.com/kamranahmedse/)

Cês sabem?

cc: @walmrycarvalho , @nglauber
[Translate Tweet](#)

WEB DEVELOPER ROADMAP - 2019

[kamranahmedse/developer-roadmap](https://github.com/kamranahmedse/developer-roadmap)
Roadmap to becoming a web developer in 2019. Contribute to kamranahmedse/developer-roadmap development by creating an account...
github.com

 3   

 **Diogo Cabral** @DrCabral - Jan 2
Caso não conhecem algo nesse sentido, estou pensando em fazer umas pesquisas e elaborar esse tipo de material, acho que vai auxiliar a galera que entra no meio!
[Translate Tweet](#)

...Tem um toque de Twitter

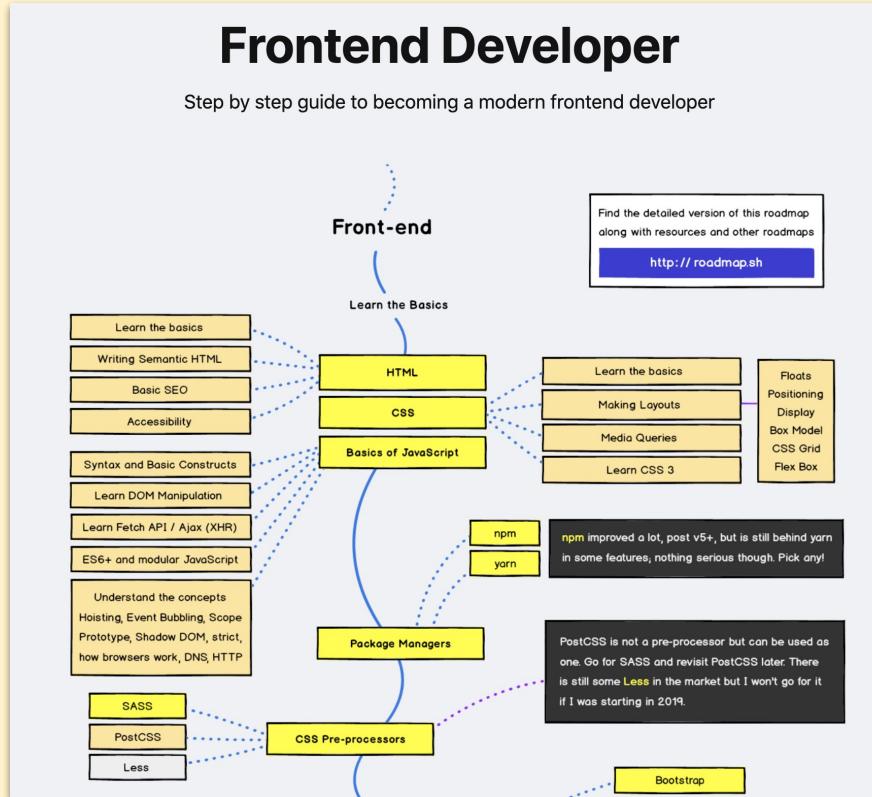
 **Ana Coimbra** @anacoimbrag - Jan 2
Replying to @DrCabral @twiterdoari
Opa, no momento não me lembro mas super topo entrar/ajudar nesse projeto!!
[Translate Tweet](#)
 1   1 

 **Diogo Cabral** @DrCabral - Jan 2
Vamos conversar sobre!
[Translate Tweet](#)
 1   1 

 **Ana Coimbra** @anacoimbrag - Jan 2
Vamos sim! Amanhã te mando o link da documentação que começamos
[Translate Tweet](#)
 1   1 

 **Diogo Cabral** @DrCabral - Jan 3
Show! Vamos fazer!
   1 

A referência: *Web developer roadmap*



<https://github.com/kamranahmedse/developer-roadmap>

O objetivo: *Para que um roadmap de Android?*

Ter uma sugestão de caminho
de aprendizado da plataforma

Apresentar os tópicos em alta

Gerar discussões e reflexões
sobre sugestão de
ferramentas

O processo: *Coletando dados da comunidade*

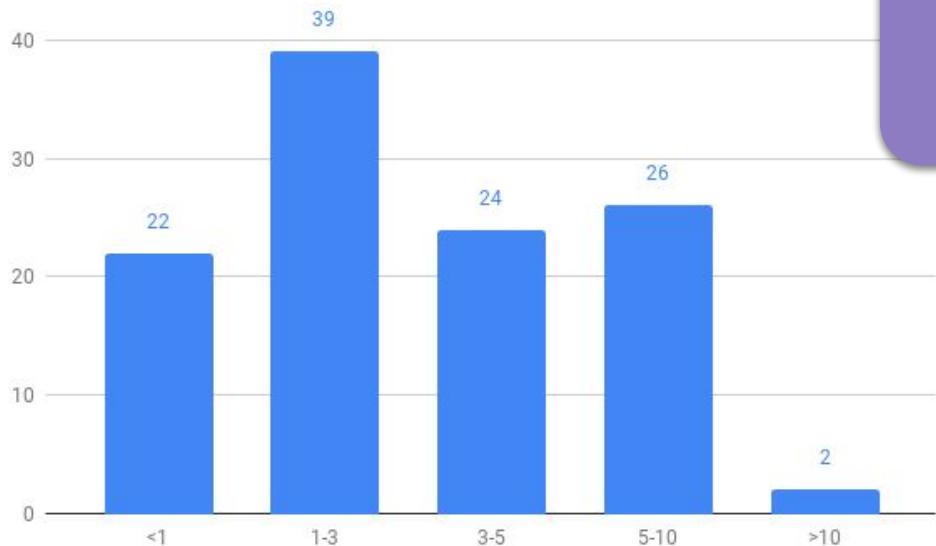
The screenshot shows a Google Forms survey titled "Android Developer Roadmap 2019". The main title of the slide is "O processo: Coletando dados da comunidade".

The survey interface includes:

- Header: "Android Developer Roadmap 2019" with a back arrow, a star icon, and a settings gear.
- Top right: "SEND" button, three-dot menu, and user profile.
- Section titles: "QUESTIONS" and "RESPONSES" with a count of "112".
- Question text: "Avalie o nível necessário para o domínio de cada tópico / Evaluate the necessary level for the fully understanding of each topic".
- Response scale: "Iniciante / Beginner", "Intermediário / Inter...", "Avançado / Advanced", and "Não sei / Not sure".
- List of topics with radio buttons:
 - Linguagem / Languag...
 - Injeção de dependênc...
 - Programação reativa ...
 - Arquitetura de código ...
 - Ciclo de vida da Activi...
 - Fragment
 - Intent
 - Context
 - Custom Views
 - Componentes de Inter...
 - UI Layouts (LinearLay...
- Right sidebar: icons for adding a question, table, image, video, and list.
- Bottom right corner: a question mark icon.

O processo: *Coletando dados da comunidade*

Tempo de experiência com desenvolvimento Android



9 Países
diferentes

+50
cidades

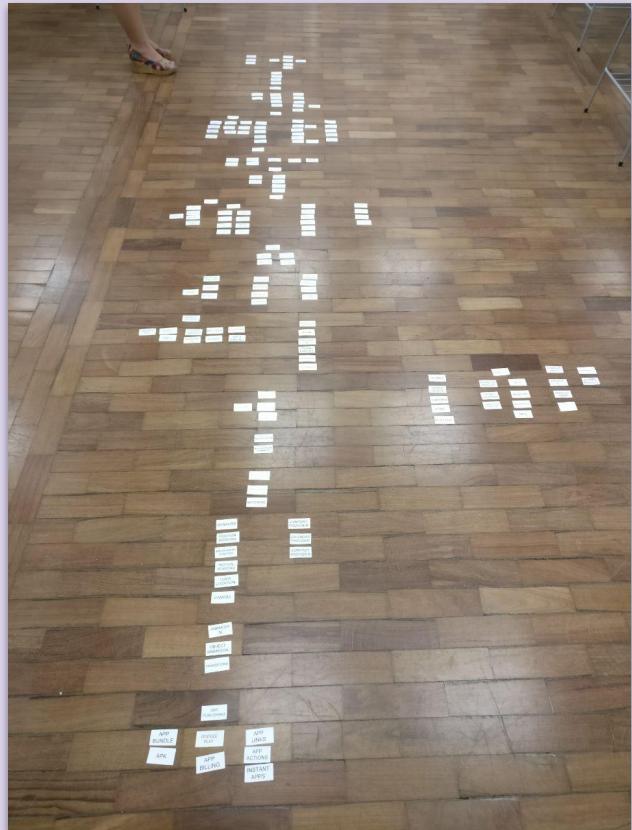
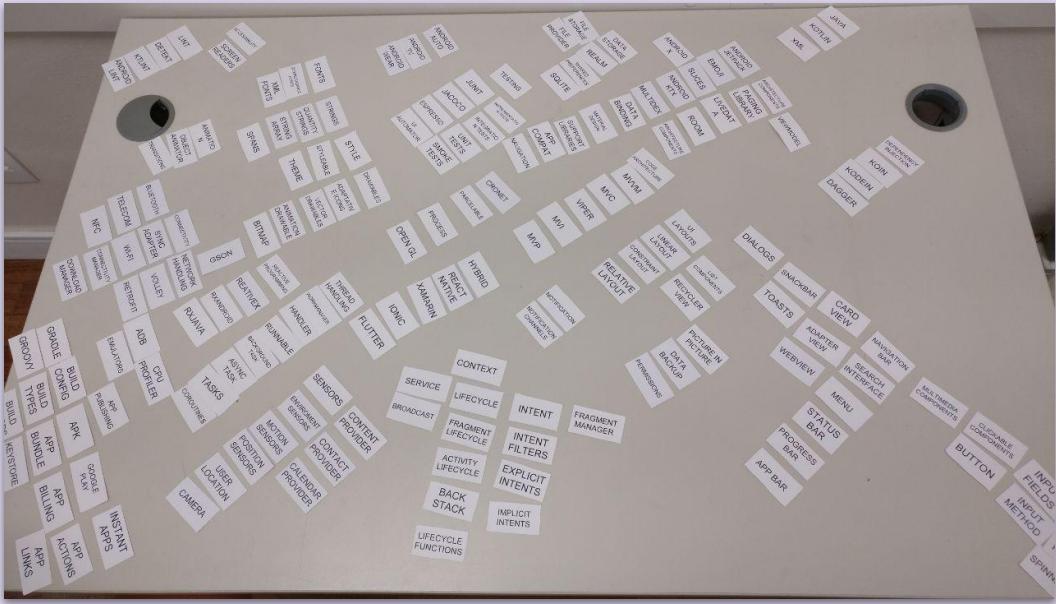
- 112 respostas
- Brasil, China, India, EUA, Alemanha, Espanha, Singapura, Irlanda, Peru

O processo: *Coletando dados da comunidade*

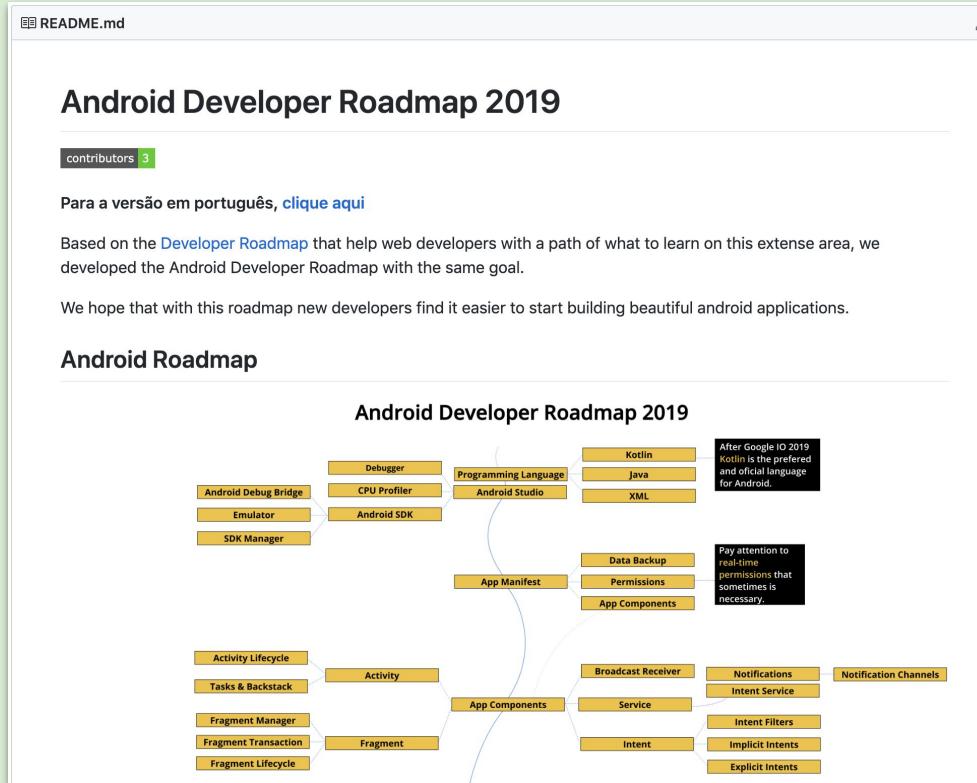
Todas as pessoas indicaram que seria ótimo ter esse tipo de conteúdo

"Seria interessante, como a quantidade de conteúdo disponível para android é muito grande, as vezes fico perdido em saber o é necessário estudar para melhorar minhas habilidades como desenvolvedor."

O processo: *Construindo a primeira versão*



O roadmap: Pela comunidade, para a comunidade

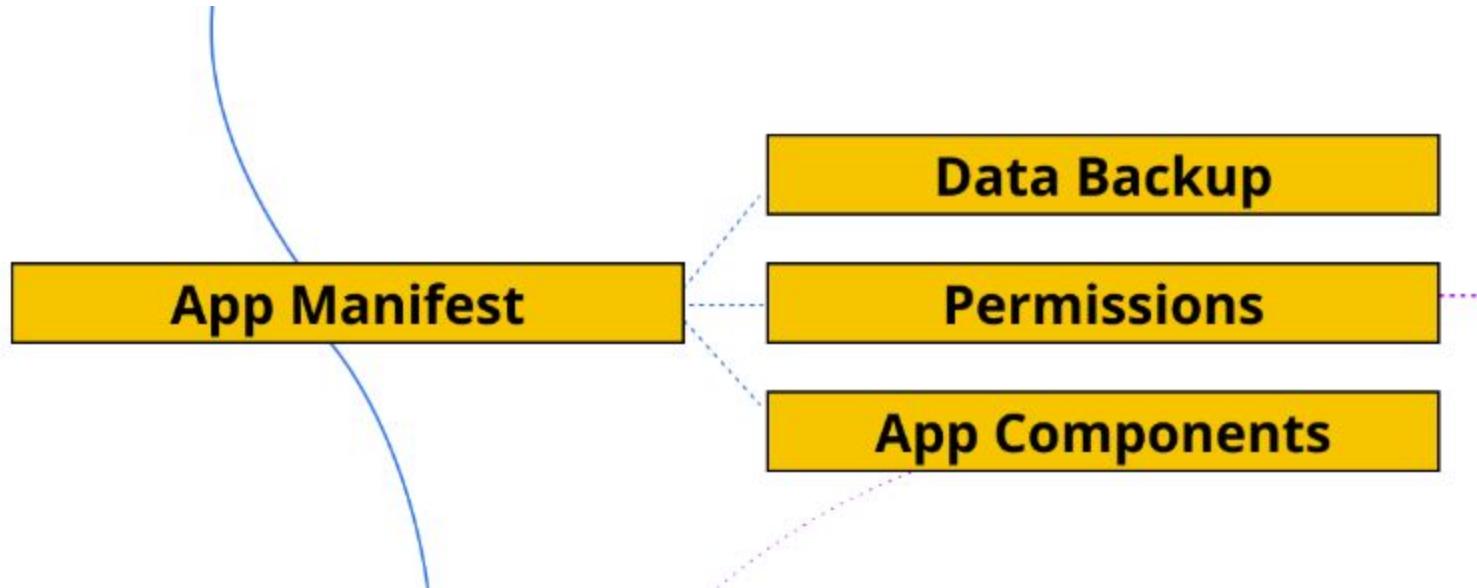


<https://github.com/mobile-roadmap/android-developer-roadmap>

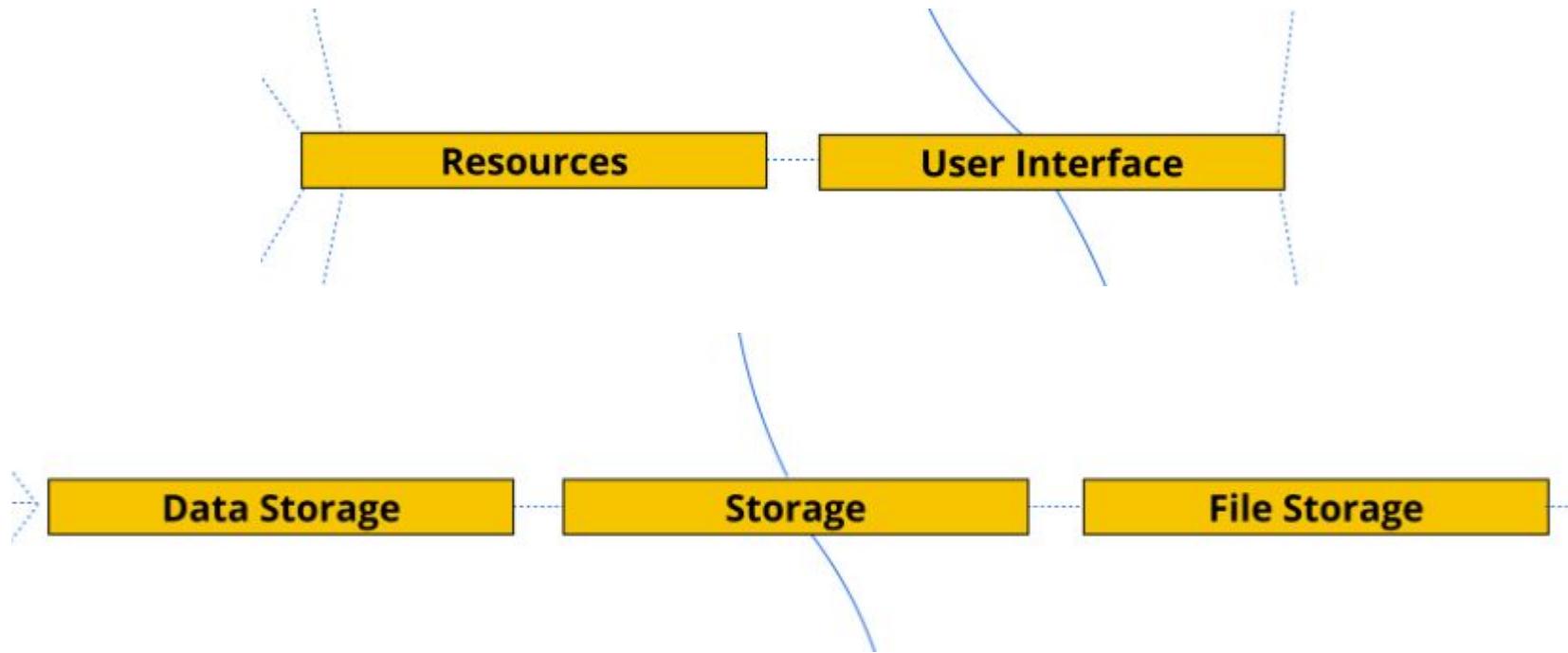
O roadmap: *Pela comunidade, para a comunidade*



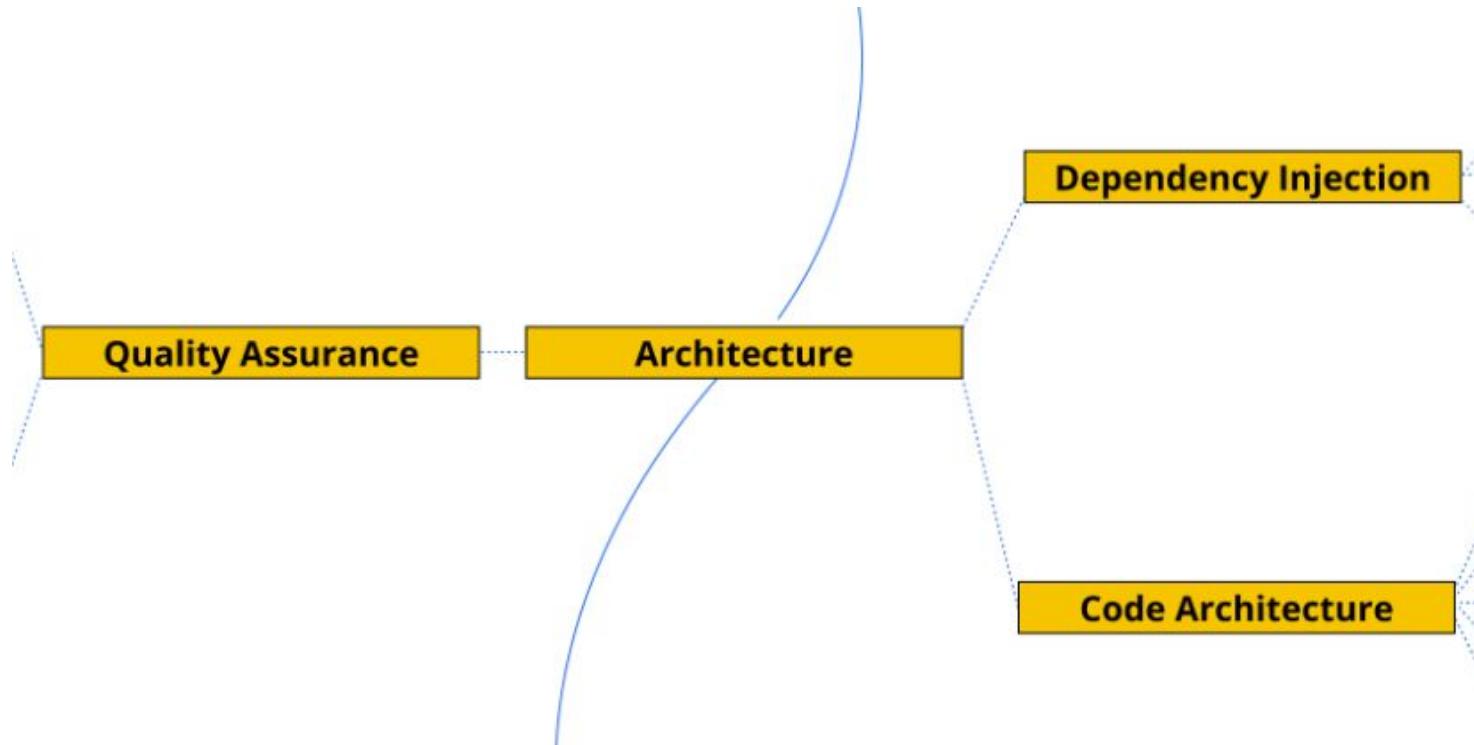
O roadmap: *Pela comunidade, para a comunidade*



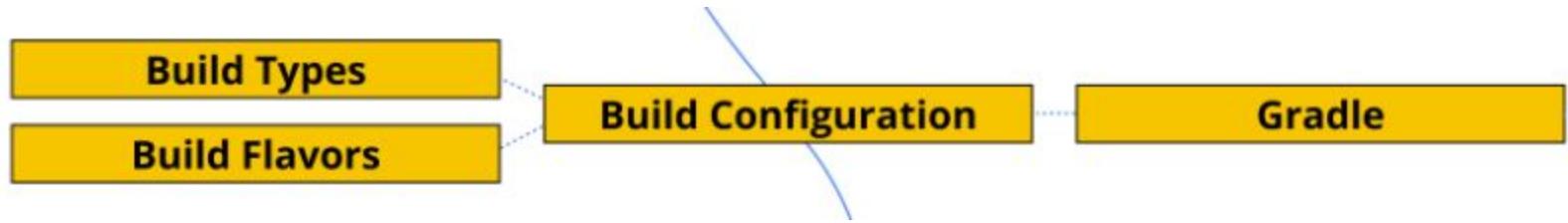
O roadmap: Pela comunidade, para a comunidade



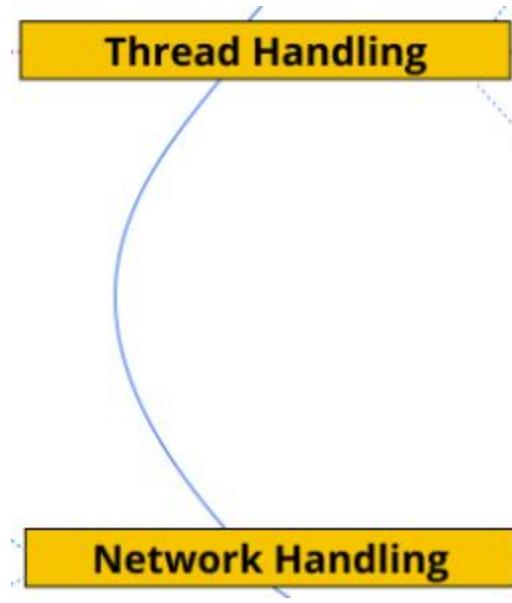
O roadmap: Pela comunidade, para a comunidade



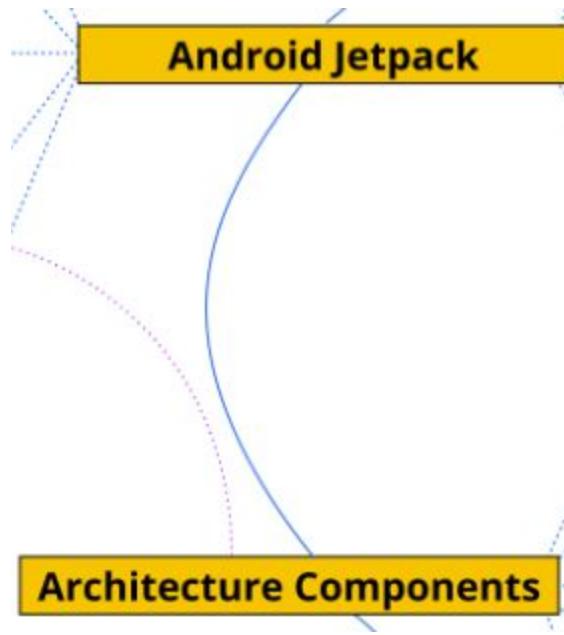
O roadmap: Pela comunidade, para a comunidade



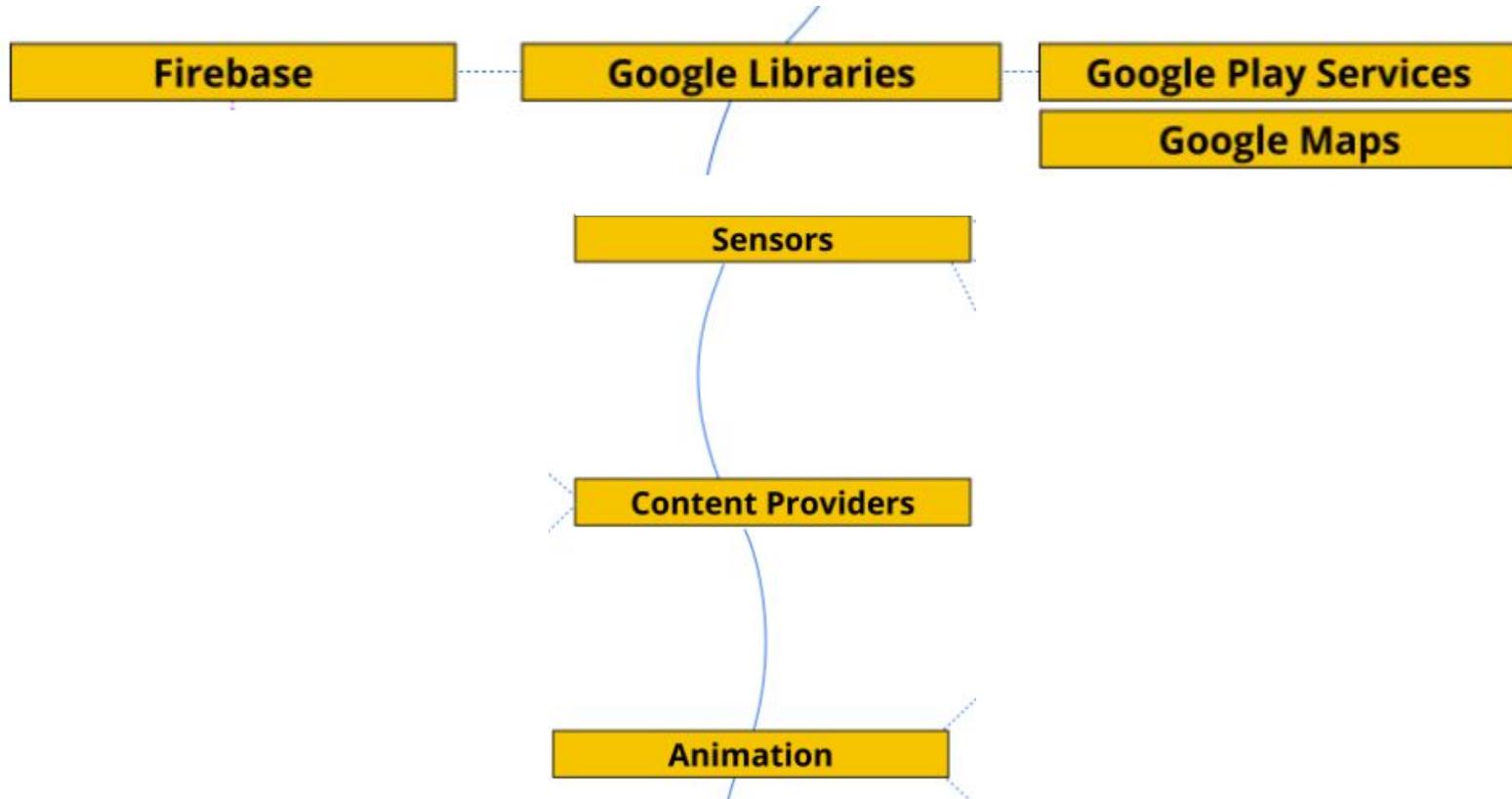
O roadmap: *Pela comunidade, para a comunidade*



O roadmap: Pela comunidade, para a comunidade



O roadmap: Pela comunidade, para a comunidade



<https://github.com/mobile-roadmap/android-developer-roadmap>

O roadmap: Pela comunidade, para a comunidade



O roadmap: Pela comunidade, para a comunidade

Como contribuir?

Filters ▾ is:issue is:open

Labels 8

① 6 Open 5 Closed

Author ▾

- ⓘ [Suggestion] Change XML from "Programming Languages"
#21 opened 4 days ago by brunogabriel
- ⓘ Improve json converters in the roadmap enhancement
#19 opened 7 days ago by worm69
- ⓘ Improve tests section in the roadmap enhancement
#18 opened 8 days ago by drcabral
- ⓘ Include a series of articles/courses enhancement
#17 opened 9 days ago by AhmedAshour
- ⓘ [Suggestion] Include "Clean Architecture" enhancement question
#9 opened 14 days ago by andproger
- ⓘ Hierarchy to distinguish between 'should-know' vs 'nice-to-know' enhancement
#3 opened 15 days ago by namclu

namclu commented 15 days ago

As a beginner to Android, it would be good if the user could look at the hierarchy and be able to identify what they should-know vs nice-to-know vs experimental-phase. This could be in the form of design or colour-coding.

drcabral commented 15 days ago

Hi @namclu!

It's a great suggestion! We will discuss about how to implement this on our roadmap and we return an answer soon about it. In meantime, feel free to open a PR with the suggested implementation of this improvement!

Thank you!

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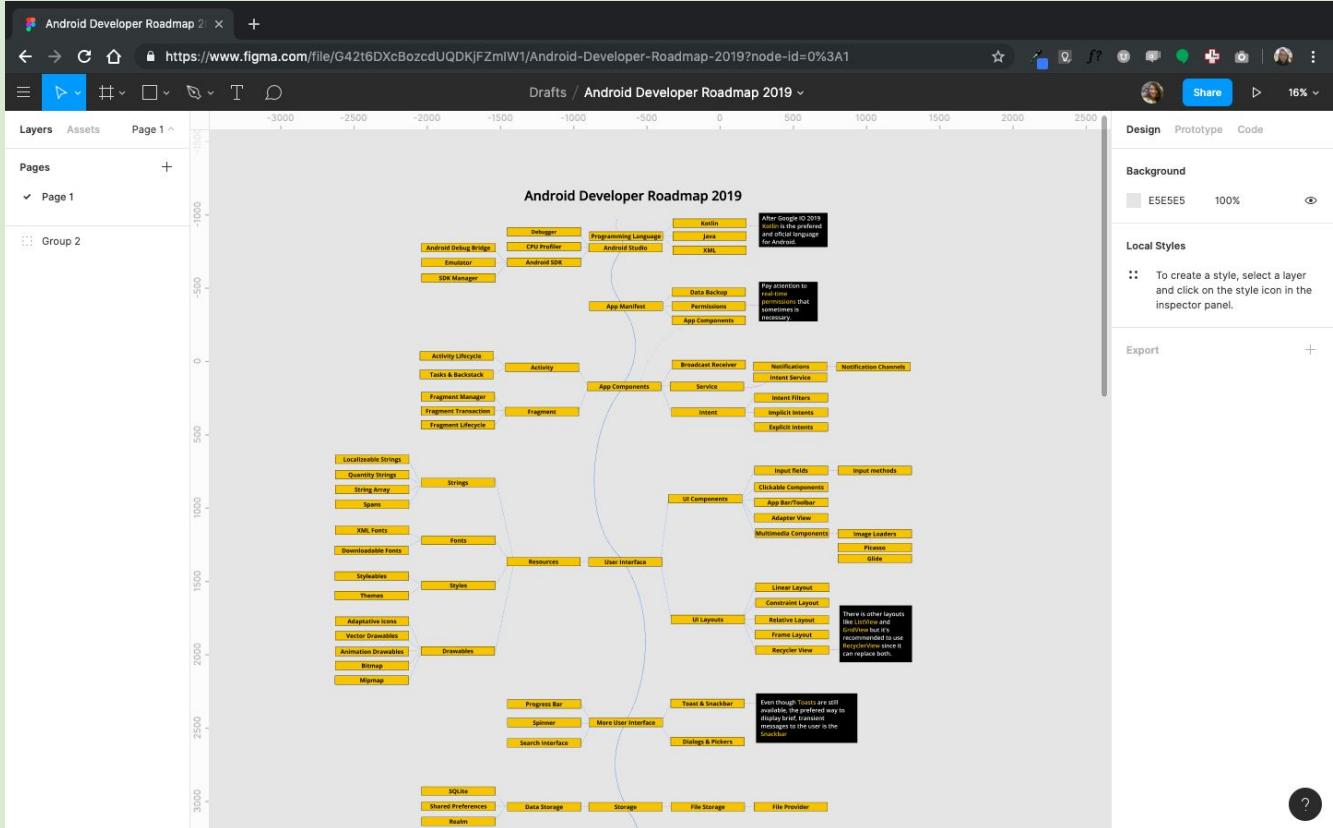
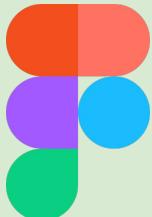
drcabral added the enhancement label 15 days ago

TWiStErRob commented 14 days ago

Slight alpha/dimming could be enough, doesn't necessarily need to change structure.

O roadmap: Pela comunidade, para a comunidade

Como contribuir?



Os feedbacks: Como o projeto tem sido recebido?

The image is a collage of three screenshots illustrating the positive reception of the Android Developer Roadmap project.

Left Screenshot: A screenshot of the Android Weekly newsletter from May 26, 2019. It features a section titled "Migrating to Gradle Kotlin DSL - Extensions" which includes a snippet of code and a link to the "Android Developer Roadmap 2019" on GitHub. Below this, there's a section about "Seamless Android app launch animations" with a link to arunkumar.dev.

Middle Screenshot: A screenshot of a tweet from Jag Saund (@jagsaund) that reads: "This is amazing! Whether you're just starting out or are an experienced developer, it's an incredible perspective and a different developer path. Thanks @anacoimbrag".

Right Screenshot: A screenshot of the GitHub trending page showing the "youtube-dl-interactive" repository by synox. It highlights the repository as "Interactively select the quality and format for youtube-dl". Below it are other trending repositories: "TheAlgorithms / Python" (All Algorithms implemented in Python), "anacoimbrag / android-developer-roadmap" (Android Developer Roadmap 2019), and "bluebill1049 / react-simple-animate" (React UI animation made easy).

Bottom Text: "1:19 PM - 26 May 2019"

Por fim: *Pontos que merecem atenção!*

O roadmap não mostra um caminho único e rígido sobre como estudar e aprender!

O roadmap não é uma verdade absoluta que não pode ser questionada!

O roadmap pode não ser sempre um mapa completo, contendo todas as informações atualizadas!



Ana Coimbra

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Diogo Cabral

 @drcabrales

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Android Roadmap 2019

[github.com/mobile-roadmap/
android-developer-roadmap](https://github.com/mobile-roadmap/android-developer-roadmap)