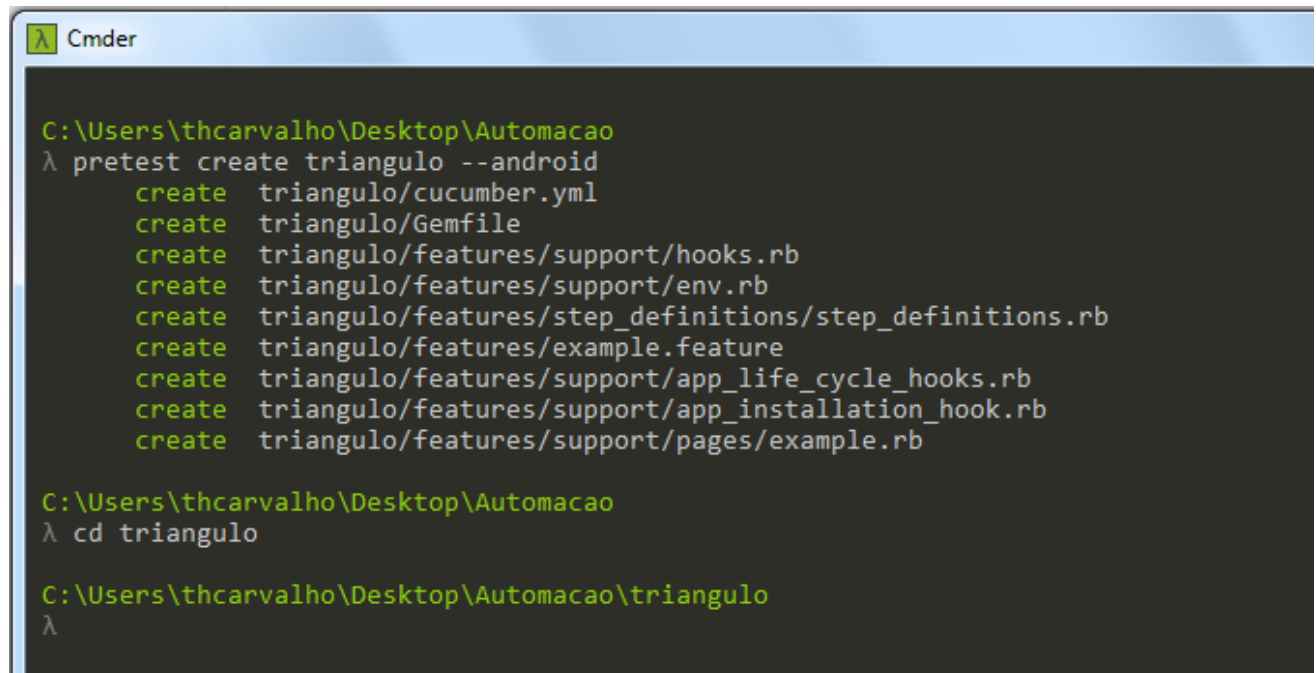


1 – Gerando a estrutura do projeto

Abrir o console, executar o comando: `gem install pretest`

Após instalação executar o comando: `pretest create nomeprojeto --android`

Acessar o diretório criado e executar: `bundle install`



```
Cmder

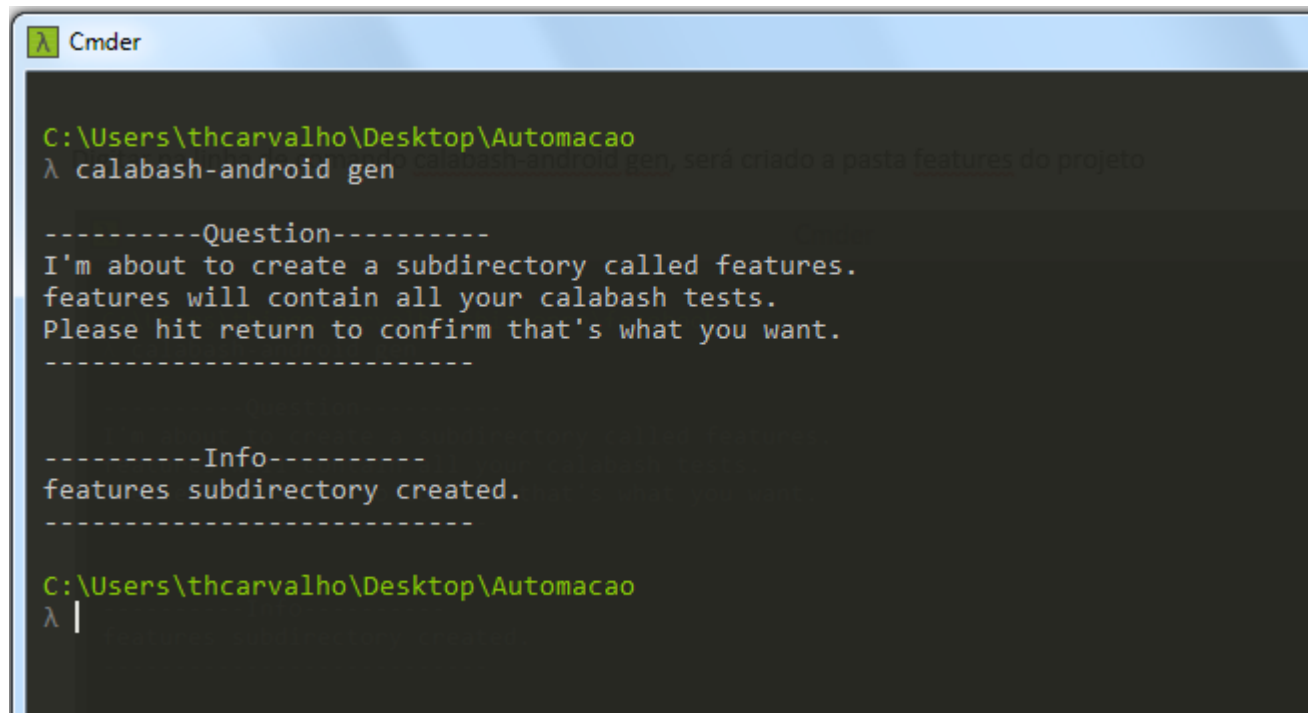
C:\Users\thcarvalho\Desktop\Automacao
λ pretest create triangulo --android
  create triangulo/cucumber.yml
  create triangulo/Gemfile
  create triangulo/features/support/hooks.rb
  create triangulo/features/support/env.rb
  create triangulo/features/step_definitions/step_definitions.rb
  create triangulo/features/example.feature
  create triangulo/features/support/app_life_cycle_hooks.rb
  create triangulo/features/support/app_installation_hook.rb
  create triangulo/features/support/pages/example.rb

C:\Users\thcarvalho\Desktop\Automacao
λ cd triangulo

C:\Users\thcarvalho\Desktop\Automacao\triangulo
λ
```

Também podemos utilizar a gem nativa do calabash pelo comando: `calabash-android gen`

Será criado uma pasta features dentro do diretório



```
Cmder

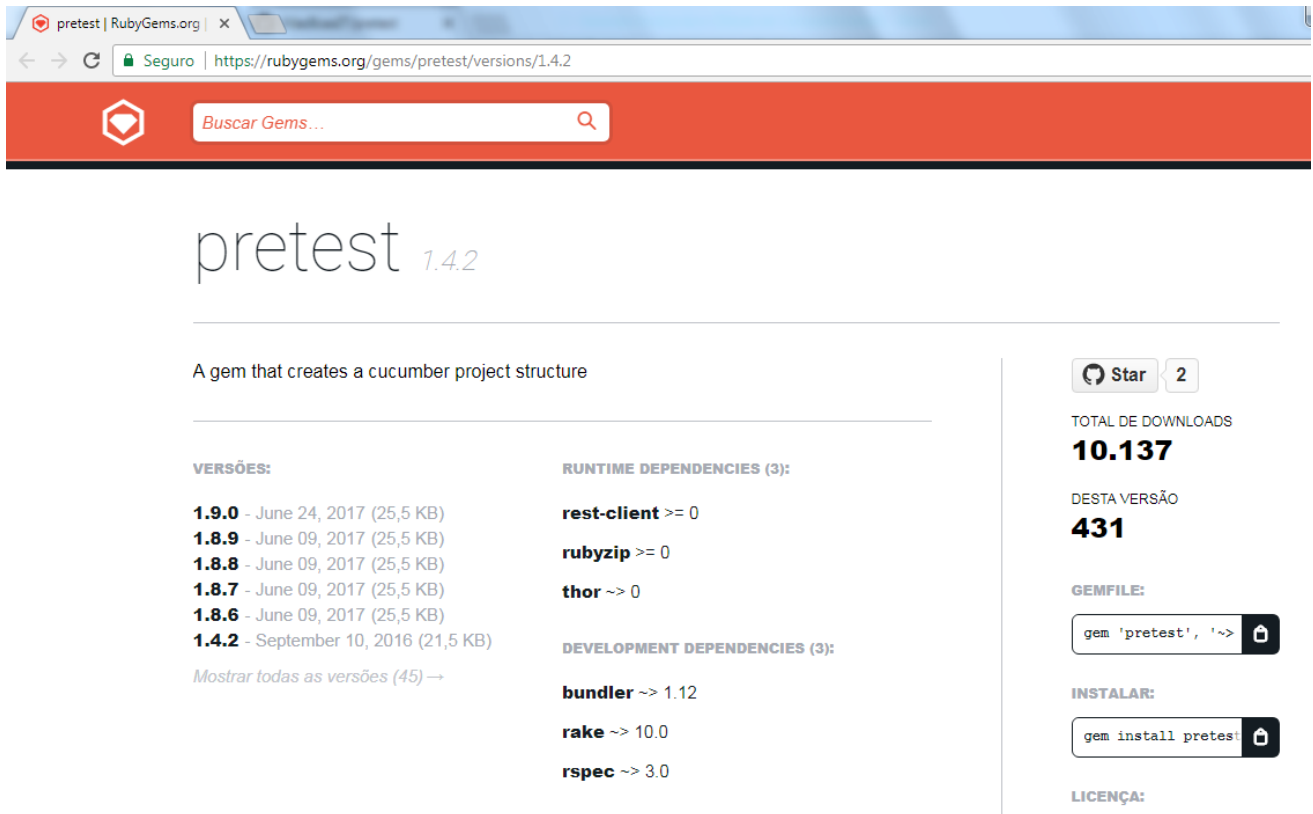
C:\Users\thcarvalho\Desktop\Automacao
λ calabash-android gen calabash-android gen, será criado a pasta features do projeto

-----Question-----
I'm about to create a subdirectory called features.
features will contain all your calabash tests.
Please hit return to confirm that's what you want.
-----

-----Info-----
features subdirectory created.
-----

C:\Users\thcarvalho\Desktop\Automacao
λ |
```

Recomendamos utilizar a gem da pretest, ela foi criada pela comunidade RubyGems, é de um auxilio mais completo, podendo utilizar tanto para estrutura web como no mobile para IOS e Android.



The screenshot shows the RubyGems.org page for the 'pretest' gem. The browser address bar shows the URL 'https://rubygems.org/gems/pretest/versions/1.4.2'. The page has a red header with the RubyGems logo and a search bar. The main content area displays the gem name 'pretest' and version '1.4.2'. Below this, it states 'A gem that creates a cucumber project structure'. The page is divided into two main sections: 'VERSÕES:' (Versions) and 'RUNTIME DEPENDENCIES (3):'. The 'VERSÕES:' section lists several versions from 1.9.0 to 1.4.2, with the latest version 1.4.2 from September 10, 2016, highlighted. The 'RUNTIME DEPENDENCIES (3):' section lists 'rest-client >= 0', 'rubyzip >= 0', and 'thor ~> 0'. On the right side, there is a sidebar with a 'Star' button (2 stars), 'TOTAL DE DOWNLOADS 10.137', 'DESTA VERSÃO 431', a 'GEMFILE:' section with a button to add the gem to the Gemfile, an 'INSTALAR:' section with a button to install the gem, and a 'LICENÇA:' section.

pretest 1.4.2

A gem that creates a cucumber project structure

VERSÕES:

- 1.9.0 - June 24, 2017 (25,5 KB)
- 1.8.9 - June 09, 2017 (25,5 KB)
- 1.8.8 - June 09, 2017 (25,5 KB)
- 1.8.7 - June 09, 2017 (25,5 KB)
- 1.8.6 - June 09, 2017 (25,5 KB)
- 1.4.2 - September 10, 2016 (21,5 KB)

Mostrar todas as versões (45) →

RUNTIME DEPENDENCIES (3):

- rest-client >= 0
- rubyzip >= 0
- thor ~> 0

DEVELOPMENT DEPENDENCIES (3):

- bundler ~> 1.12
- rake ~> 10.0
- rspec ~> 3.0

Star 2

TOTAL DE DOWNLOADS
10.137

DESTA VERSÃO
431

GEMFILE:

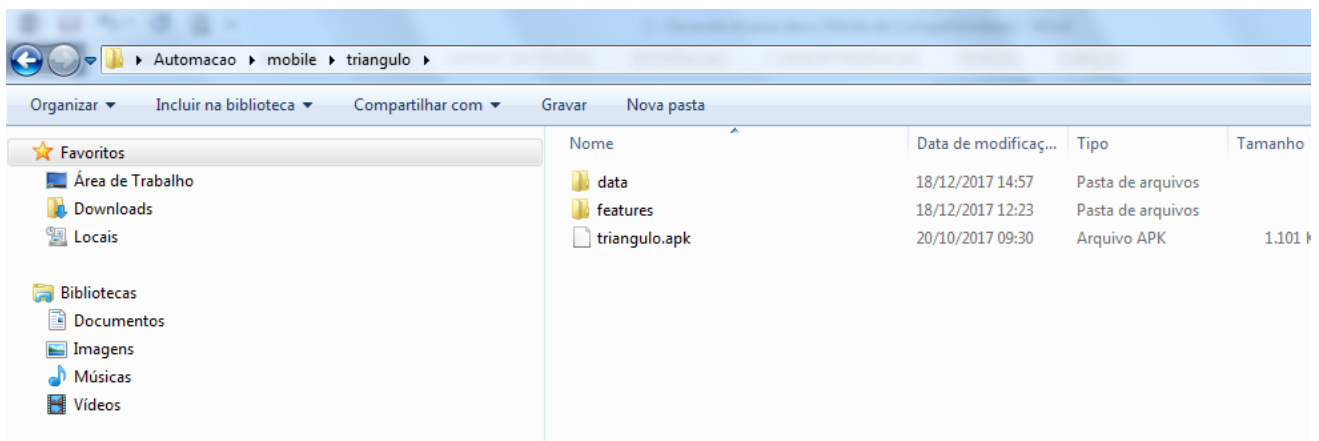
gem 'pretest', '~>'

INSTALAR:

gem install pretest

LICENÇA:

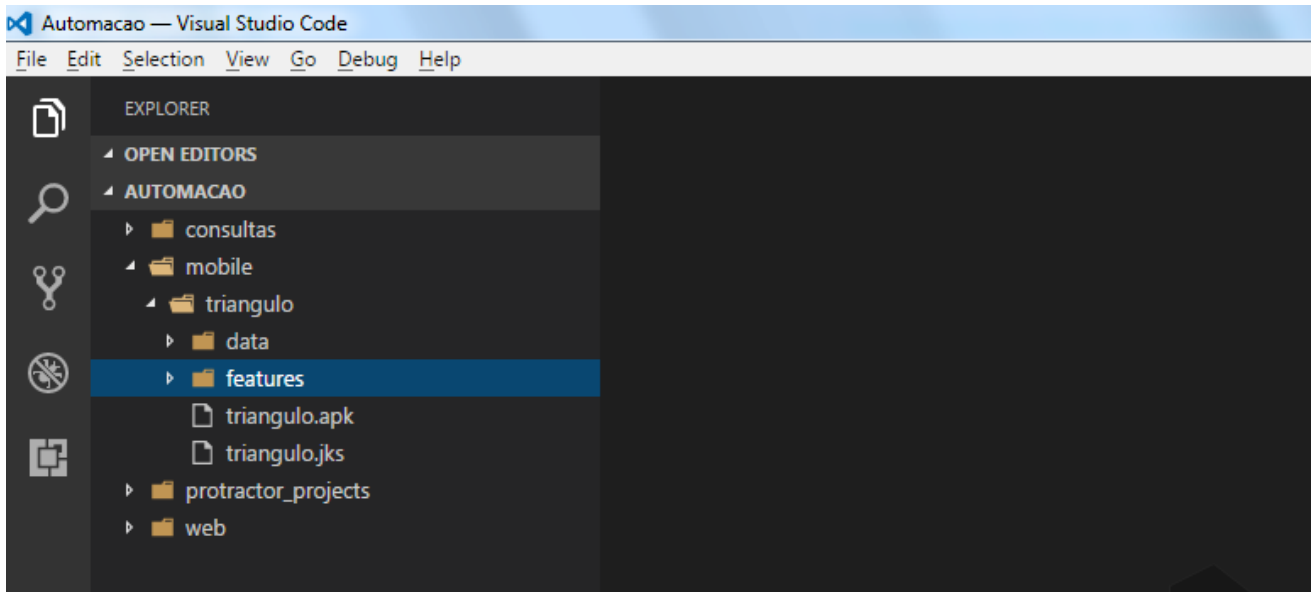
Temos assim nossa pasta/projeto raiz, onde acontecerá nossos testes, dentro da pasta criada, devemos colocar nosso aplicativo APK que será usado nos testes.



The screenshot shows a Windows File Explorer window. The address bar shows the path 'Automacao > mobile > triangulo'. The left sidebar shows the 'Favoritos' (Favorites) section with 'Área de Trabalho' (Desktop), 'Downloads', and 'Locais' (Locations). The main pane shows a table of files and folders:

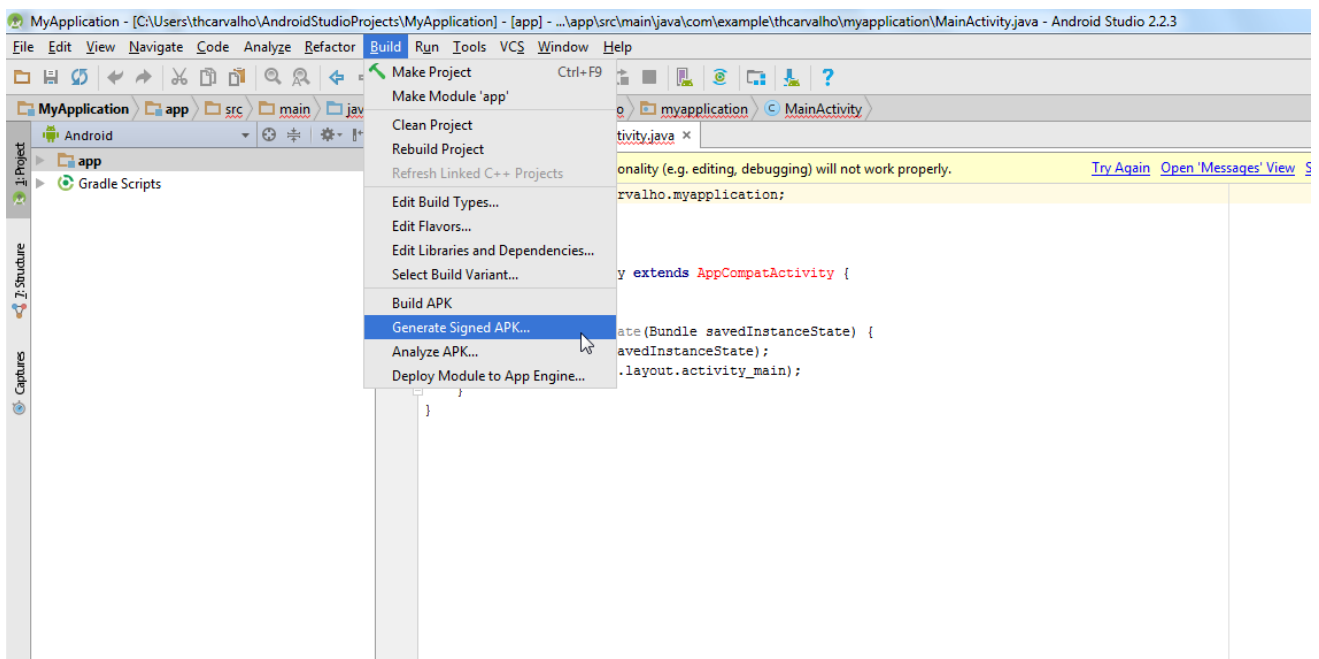
Nome	Data de modificaç...	Tipo	Tamanho
data	18/12/2017 14:57	Pasta de arquivos	
features	18/12/2017 12:23	Pasta de arquivos	
triangulo.apk	20/10/2017 09:30	Arquivo APK	1.101 KB

Abrir o editor de texto e adicionar a pasta do projeto que vamos utilizar para criar nossos scripts

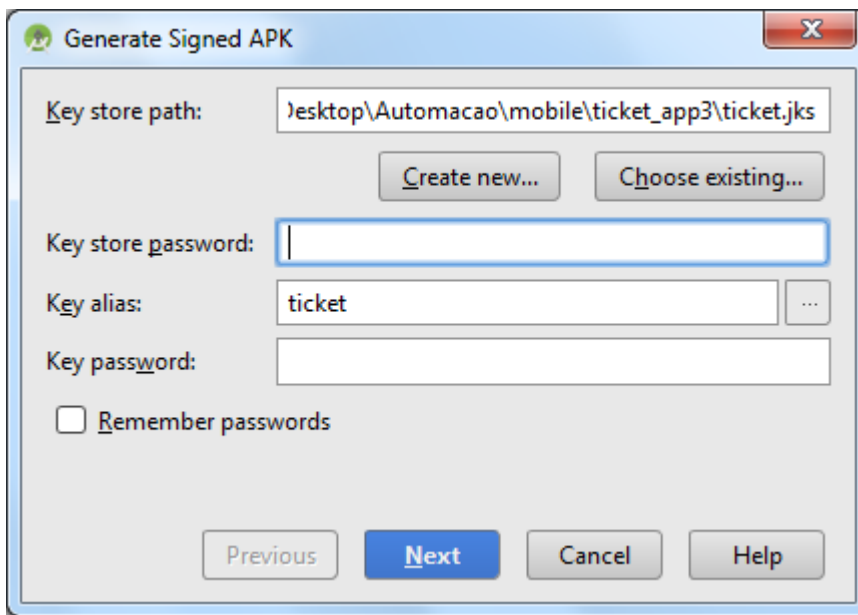


2 – Gerando assinatura Java Key Stores para o APK

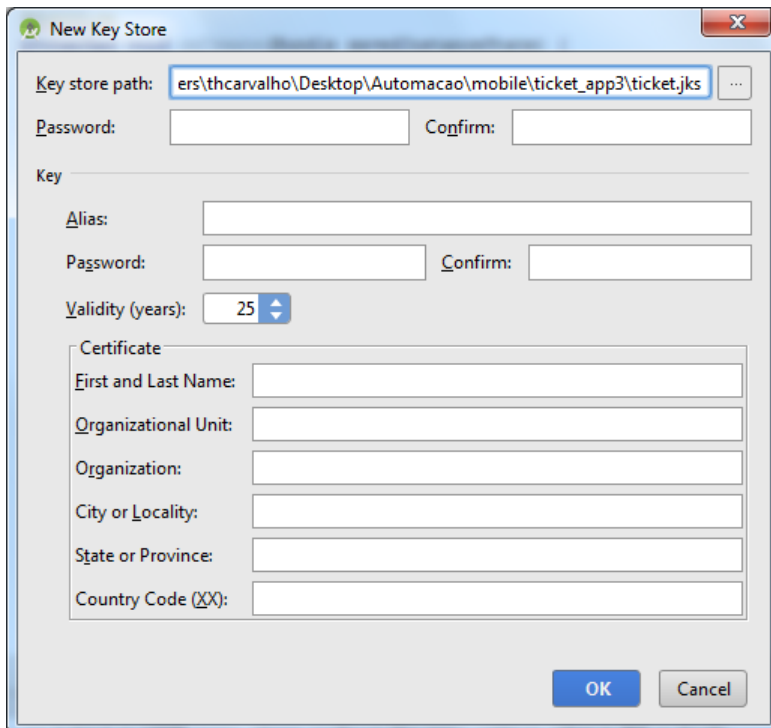
Abrir o Android Studio, clicar na opção Build, e clicar em Generate Signed APK



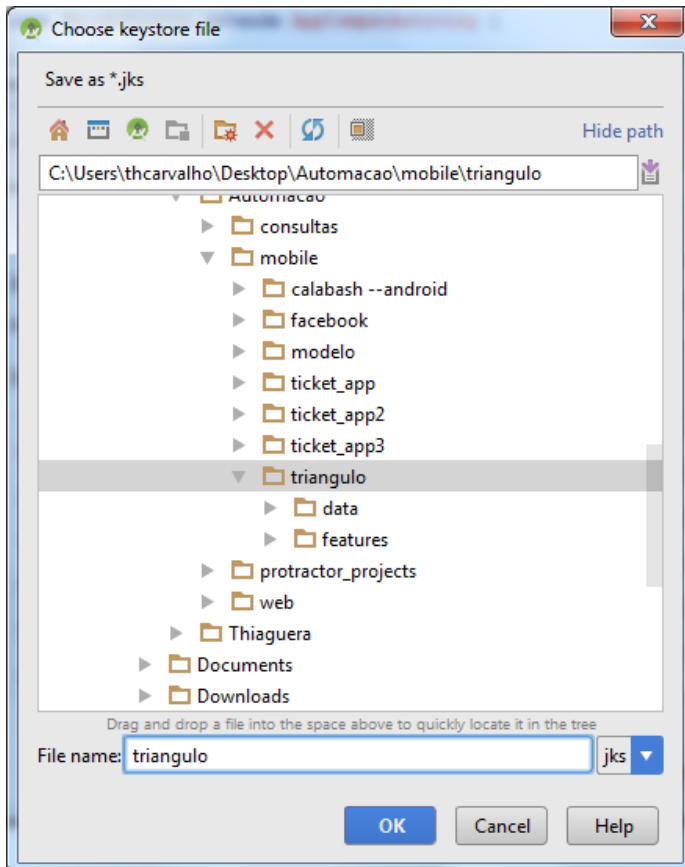
Será exibido a janela para gerar a chave e assinar o apk



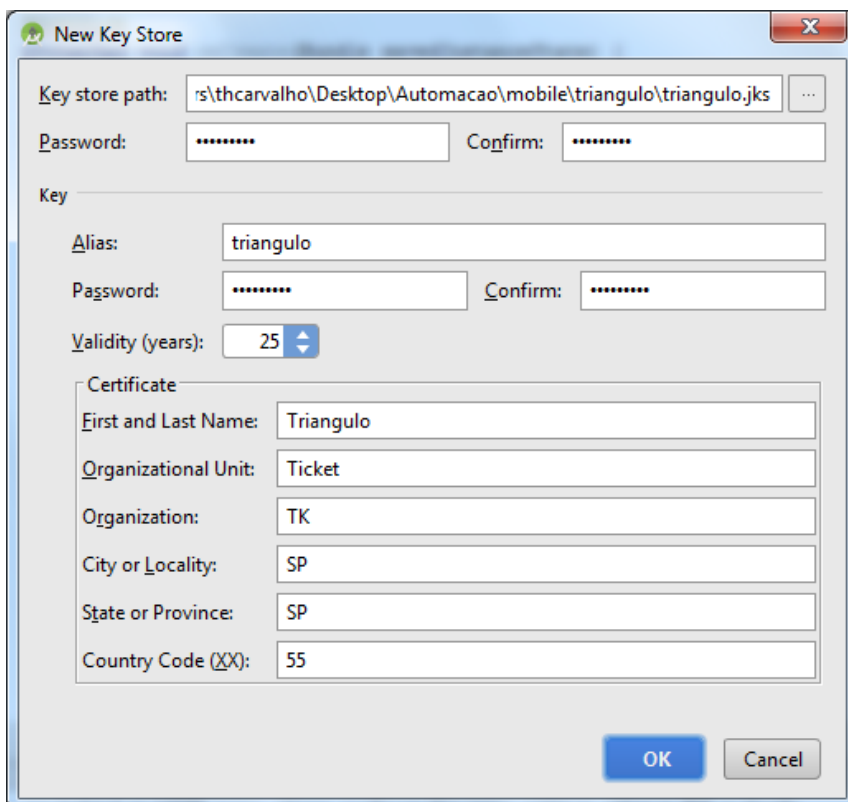
Clicar no botão Create new... para configuração da chave que será criada



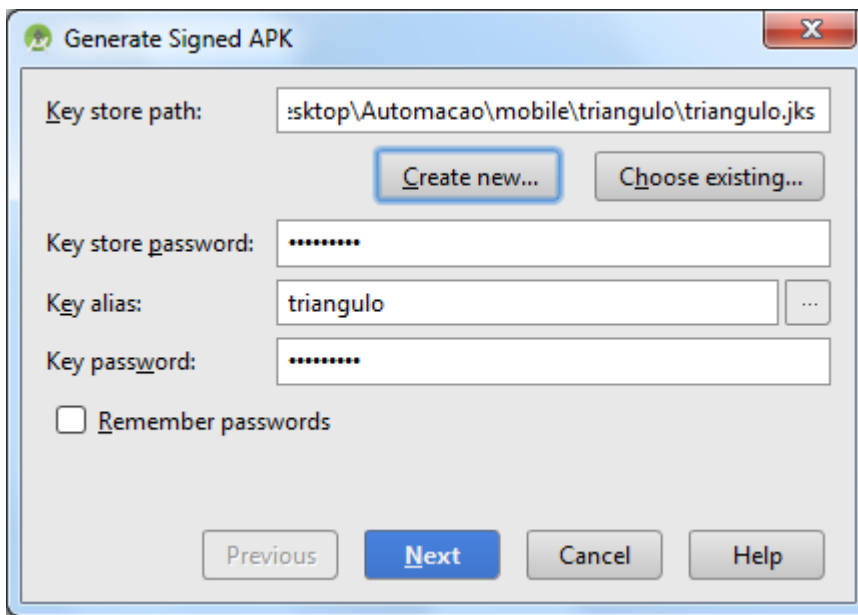
Clicar na keystore path e informar o caminho onde se encontra o arquivo.apk. Lá será gerado a assinatura do aplicativo, informar um nome (mesmo nome do apk) e clicar no botão OK



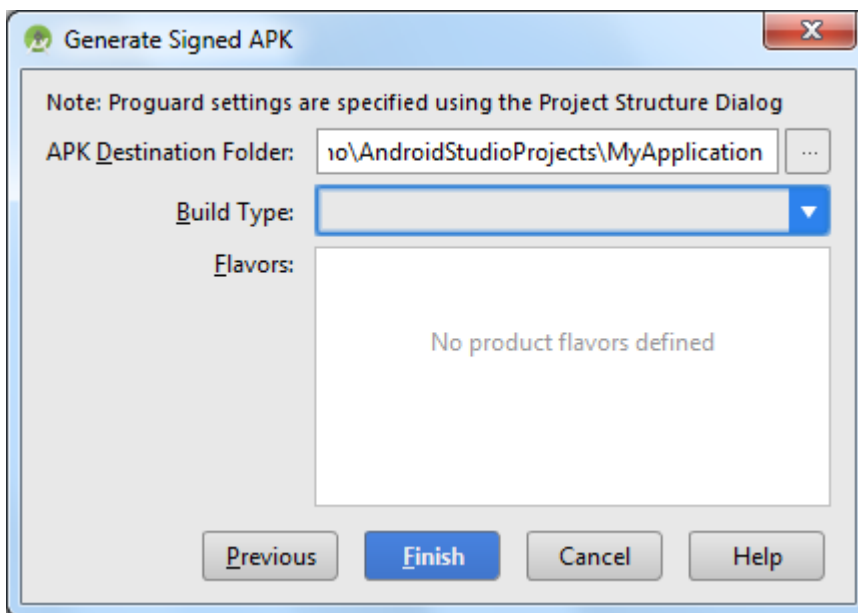
Preencher os campos de senha, informar os demais campos e clicar em OK (lembrar Senha e Alias)



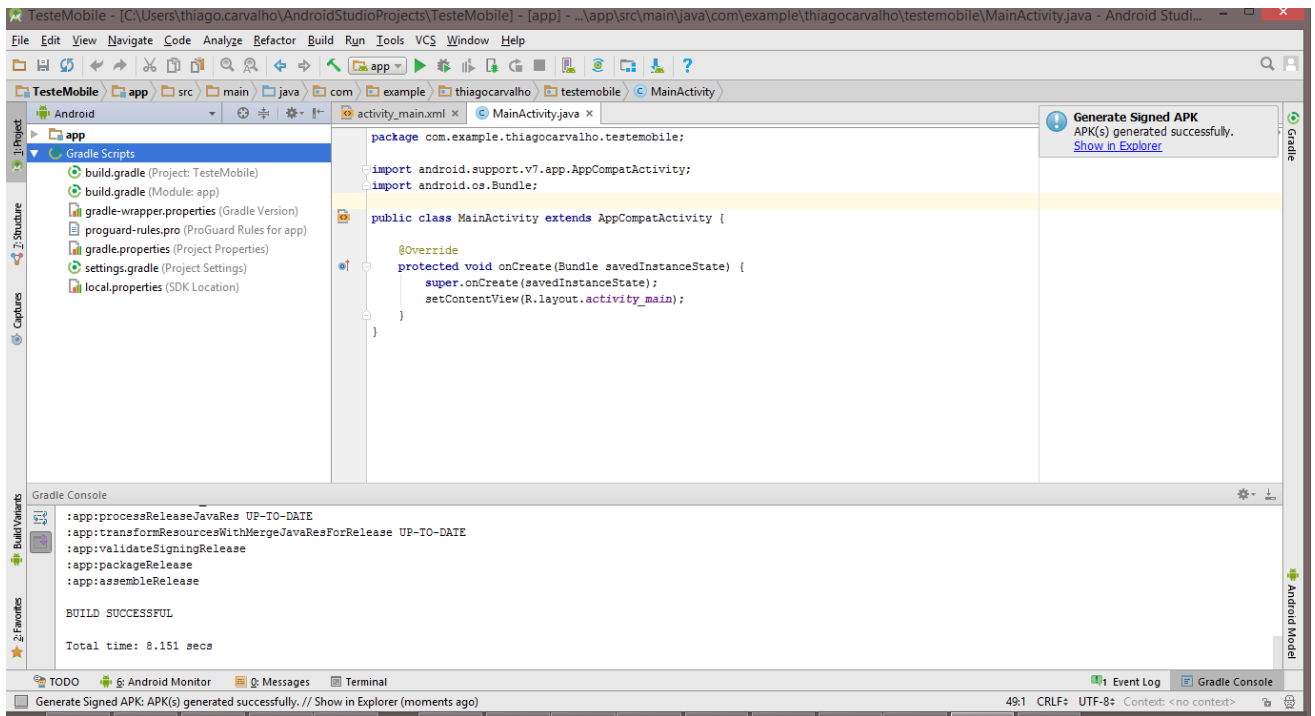
Clicar em Next para avançar a próxima tela



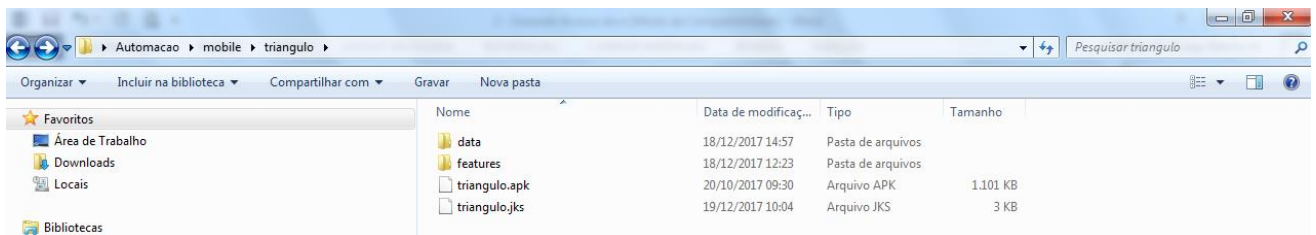
Clicar no botão Finish



Build criada com sucesso



Aplicativo assinado com sucesso, Arquivo JKS gerado na pasta local



https://medium.com/@thi_carva