



Google Developers

Build anything with Google
developers.google.com

Elbez Hammouda

PhD student Computer Science

Full Stack Developer & Designer

Coach & Trainer in IT field

GDG organizer

Developer SB Solutions - Ghardaia

Co-founder Testing Catalog - Germany

IT & Data Departement Manager UltronCorp - Algeria



What is GDG ?

Google Developers Groupe

GDG is :

- Run by passionate individuals in local developer communities
- A group to share ideas and network with fellow developers
- A place to learn about Google technologies and development tools, as well as what local companies and developers are doing with these technologies
- Focused on developers and educational technical content
- Open to and free for all interested



Women Techmakers

GDG Events

- GDG DevFest
 - Cloud study Jam
 - Web Study Jam
 - Android Study Jam
 - Flutter Study Jam
 - GDD India Extended
-
- Codelabs
 - Workshops
 - Hackathons
 - IO Extended
 - Cloud Next
 - Google Developers RoadShow

GDG Ghardaia Story



GDG Ghardaia

The dream !



Kick-Off

8/12/2017 from 8:30 am to 12:30 pm



Google



Inspiration

Organizers

Toufik Khattara
L3 Système d'information, Founder.



Organizers

Ayman Bouchelaghem

Licence en Informatique, Développeur.



Organizers

Daoud Houache

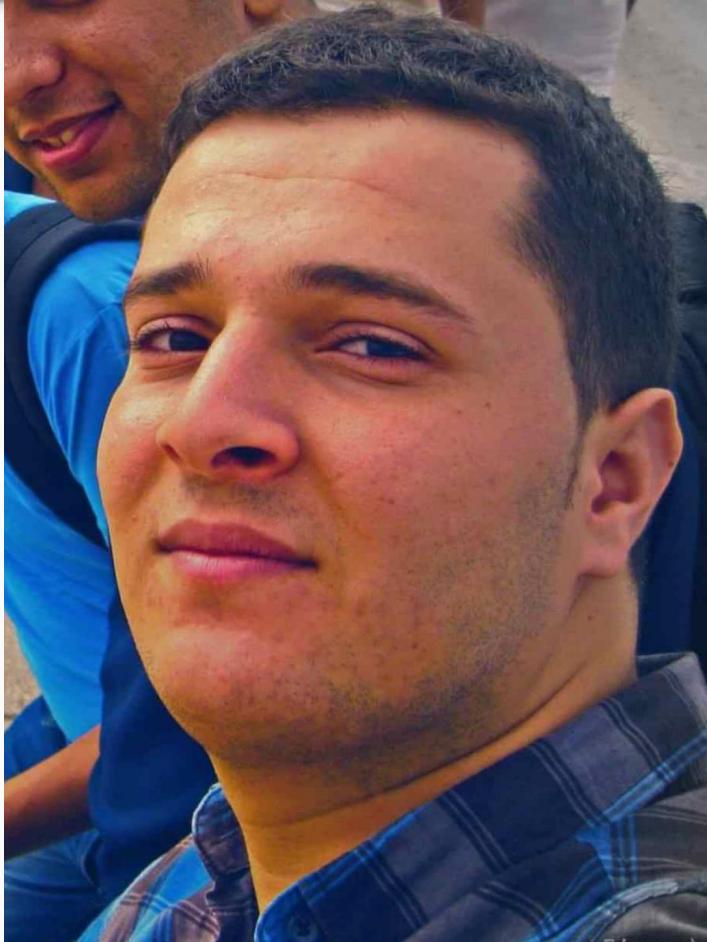
Licence en Economie, Designer.



Organizers

Merzak Bafdel

Licence en Informatique, Développeur.



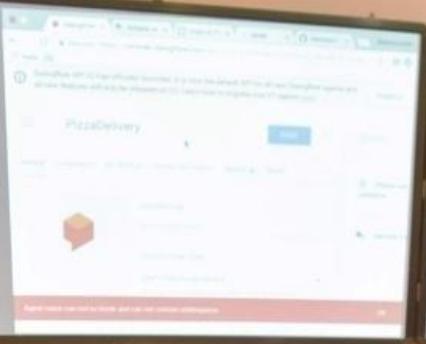
Activities

10

Events

Local





National



DevFest
Algeria Center

International



Shoreline

AMPHITHEATRE at MOUNTAIN VIEW





الاتحاد السعودي
للأمن السيبراني
والبرمجة والدرونز
Saudi Federation
for Cybersecurity,
Programming, and
Drones

هاكاثون الحج
'athon



الحج
Hajj Haj

How to join ➔ GDG Ghardaia ?



GDG Ghardaia



الأدوات

الإعدادات

المزيد

خرائط

الأخبار

صور

فيديو

كل

حوالي 31.900 من النتائج (عدد الثواني: 0,36)

GDG-Ghardaia (Ghardayah, Algeria) | Meetup

▼ ترجم هذه الصفحة <https://www.meetup.com/GDG-Ghardaia/>

Google Developer Group (**GDG**) Ghardaia meets at least once a month. The purpose of the meeting is for developers to share knowledge and expertise in the Google Technologies: Android Cloud technology, T.

لقد زرت هذه الصفحة 4 من المرات. تاريخ آخر زيارة: 07/12/17

DevFest Algeria Center 2017 | GDG-Ghardaia (Ghardayah, ...

▼ ترجم هذه الصفحة [Events < GDG-Ghardaia < https://www.meetup.com](#)

GDG DevFest 2017 is our annual all-day developer conference that offers speaker sessions across multiple product areas, codelabs, hackathon and more! Technical topics will be selected based on the need.

الجمعة، 15 ديسمبر DevFest Algeria Center 2017

GDG-Ghardaia

Accueil

Membres

Sponsors

Photos

Pages

Discussions

Plus

Outils du groupe



Mon profil

 GDG Ghardaia

Ghardayah, Algérie

Créé le 22 oct. 2017

À propos...

+ Inviter des amis



Démarrer une conversation...

140

Publier

Bienvenue !

+ Planifier un nouveau Meetup

Quoi de neuf ?

✓ NOUVELLES INSCRIPTIONS

TB Aissa a répondu
Oui pour GDG
Ghardaia Kick-off



Hier

✓ RÉPONSE MISE À JOUR

abismail brahim a
répondu Oui pour
GDG Ghardaia
Kick-off



Hier

gdg.ghardaia@gmail.com



The cover photo features a large, stylized 'GDG' logo in orange and yellow, followed by 'GHARDAIA' in yellow, overlaid on a blurred aerial photograph of a city with numerous buildings and a prominent minaret.

GDG Ghardaia
@GDG.Ghardaia

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What's new from Google

Android & Google Play

Google Cloud Platform

Web & Chrome

Firebase

Google Assistant

TensorFlow

Learning

Android & Google Play

Android P Beta

Machine Learning at the core - Adaptive Battery, Adaptive Brightness, App Actions, Slices UI etc

Simplicity - New System Navigation, faster switching between apps etc

Digital Wellbeing - Dashboard, App Timers, Do Not Disturb, Wind down

+ Several security & privacy improvements.



New System Navigation



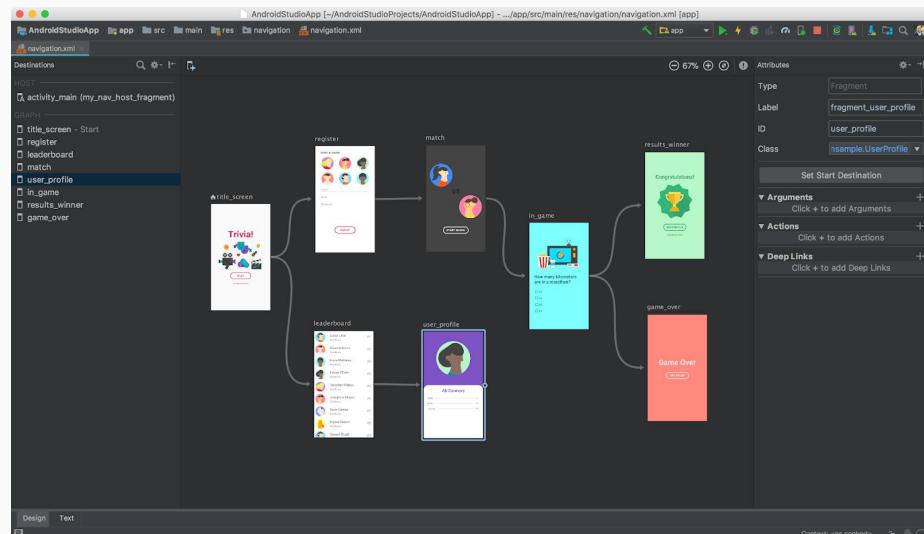
Android Studio 3.2 Canary

Emulator Snapshots - Quickboot for Android Emulator.

Improvements to Energy Profiler, Systrace, etc

Android App Bundle support

Material Design Update support

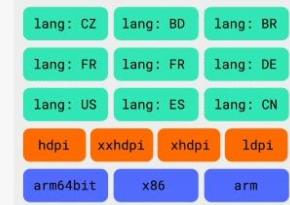
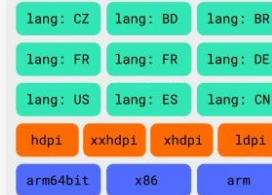


Android App Bundle

New publishing format for Android Apps via Play

Dynamic Delivery - Uses App Bundle to generate and serve optimized APKs for each device.

Dynamic Feature Modules - deliver modules/features on demand instead of at install-time



Legacy APK



Dynamic Delivery

Android Things 1.0

Google Managed OS for IOT at scale

Secure Software updates

Production Ready

Support for more SoMs

<https://android-developers.googleblog.com/2018/05/say-hello-to-android-things-10.html>



Flutter BETA 3

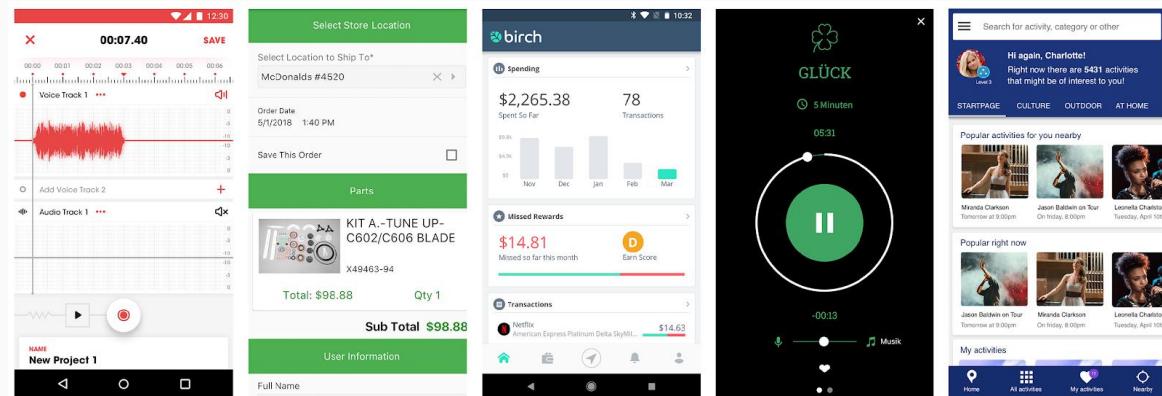
Cross platform high quality mobile development

Flutter offers

- High velocity development
- Expressive & flexible designs
- High quality experiences

New in Flutter Beta 3

- Dart 2 support
- Localization with RtL & accessibility
- Dedicated Flutter extension for VS Code



Web & Chrome

IMPORTANT

Moving towards a secure web

From Chrome 68 (July 2018), Chrome will mark HTTP sites as not-secure.

81 of the top 100 sites on the web use HTTPS by default.

Treatment of HTTP pages:

	Current (Chrome 64)	July 2018 (Chrome 68)
example.com	<input type="text" value="example.com"/>	<input type="text" value="Not secure example.com"/>

Use Lighthouse to audit your site and migrate to HTTPS soon

Lighthouse 3.0 announced

developers.google.com/web/tools/lighthouse/

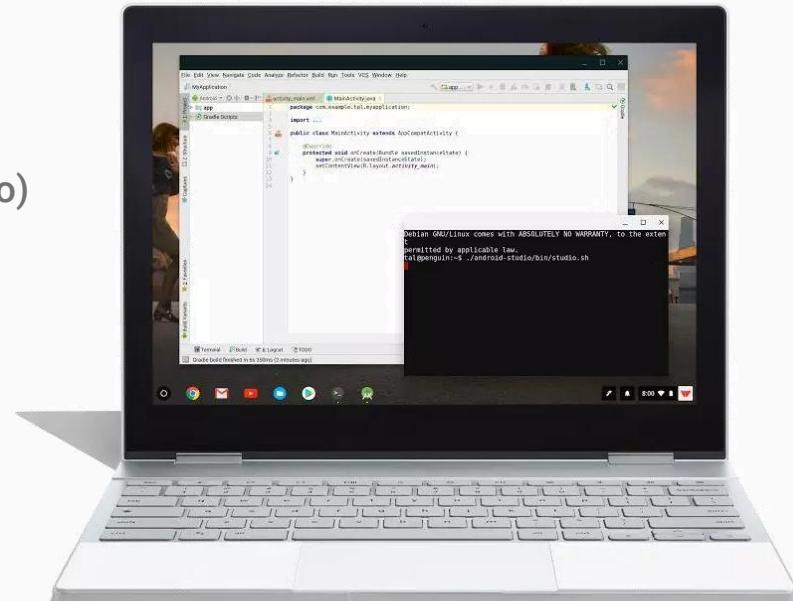


Chrome OS adds Linux apps support

Supports Web & Android app development

Linux apps run inside isolated VMs in Chrome OS

Ability to run Terminal, Code editors (and even Android Studio)



Firebase

ML Kit in Beta

Add ML capabilities to your Mobile apps easily

Ready to use APIs - Image Labeling, Landmark detection, text recognition, Face detection, Barcode scanning and more to come..

Host and serve custom TensorFlow Lite models via Firebase ML Kit

(Experimental) Upload TensorFlow models (with Training Data) to receive compressed TensorFlow Lite models



Google Assistant



**Available in 500+ Million devices
across phones, smart watches,
cars smart displays and more.**

**Works with 500+ Connected home
devices (today)**

**30 languages & 80 countries by end
of the year.**

Several updates including..

Naturally conversational

6 New voices

Continued conversation

Multiple actions

Pretty please

Custom & scheduled routines

Visually Assistive

Smart Displays

New experience on phone

Google maps integration

Getting more done

Google Duplex

Build for the Google Assistant



Actions on Google

Developer platform that lets you create software to extend the functionality of the Google Assistant, Google's virtual personal assistant.



Dialogflow

Build natural conversational experiences (voice or text-based) powered by AI that connects with Google Assistant, Amazon Alexa and other popular platforms



Integrates with



Firebase



Actions on Google Community Program

developers.google.com/actions/community

You are automatically invited to the program with publishing your first Action and will receive a

Cool T Shirt + \$200 Cloud Credits per month for a year

The Assistant team also recognizes milestones:



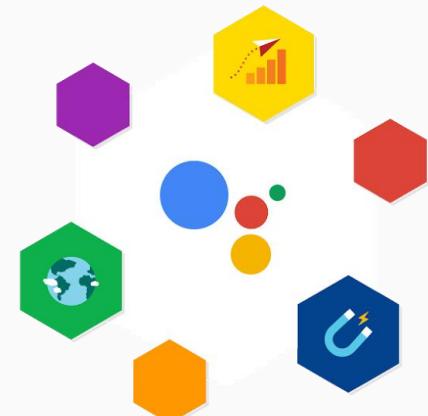
Traction



Engagements



Globalization



Assistant SDK for devices

developers.google.com/assistant/sdk

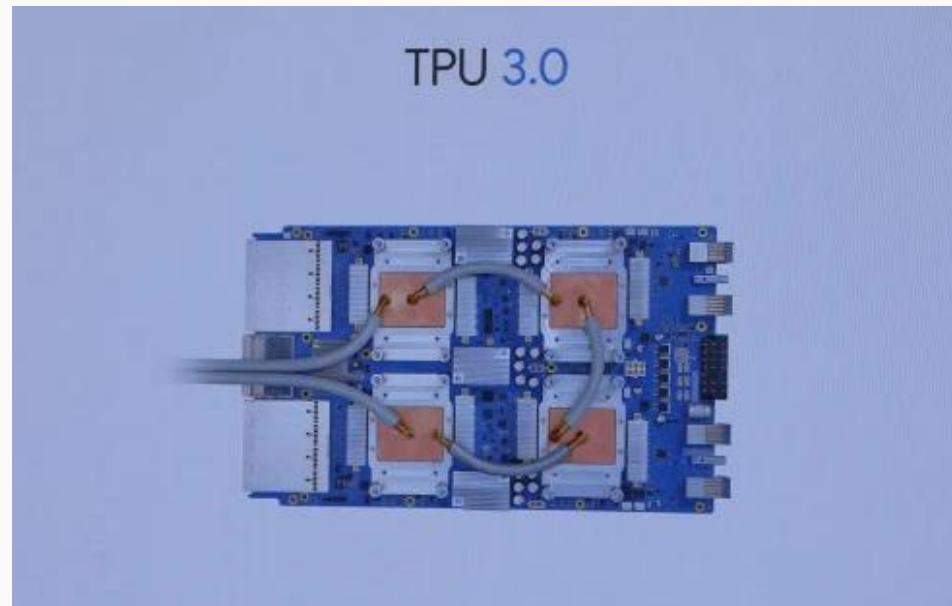


TensorFlow

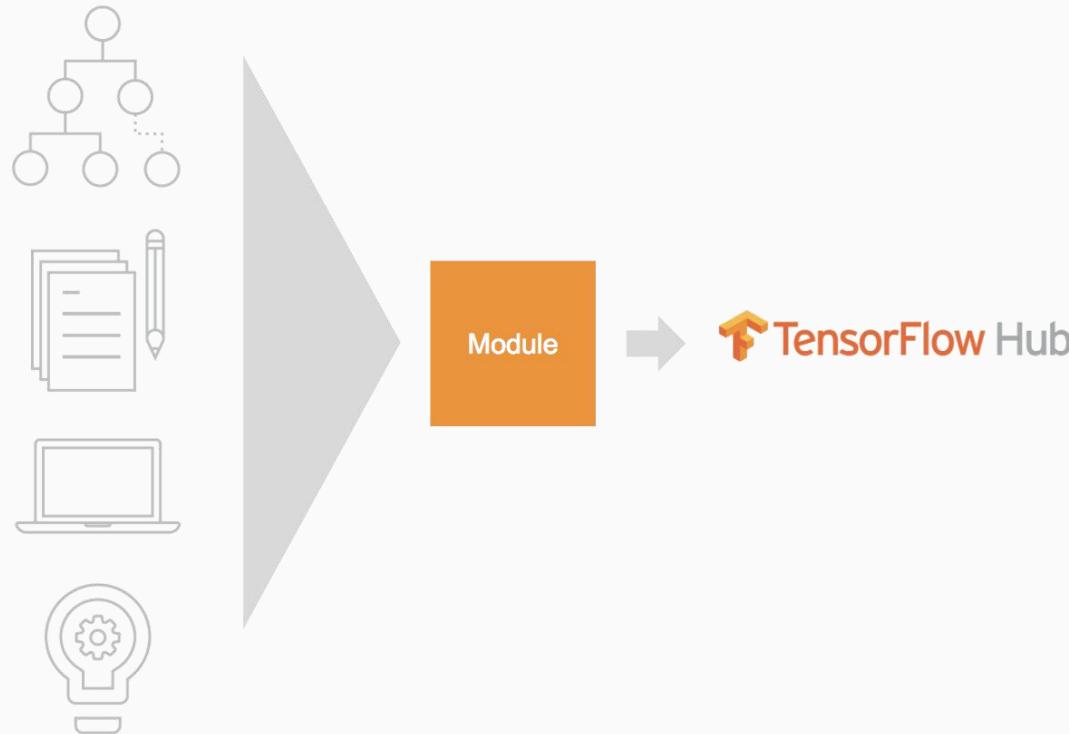
TPU v3 announced

TPU v3 Pod is 8X more powerful than previous and can do 100 petaflops in performance

Uses liquid cooling, for the first time.



From TensorFlow Dev-Summit : TensorFlow Hub



Platform to publish, discover and reuse ML modules in TensorFlow

Machine Learning Crash Course

<https://developers.google.com/machine-learning/crash-course/>

Ideal for anyone with

- Basic understanding of Python programming
- Basics of algebra & statistics
- Laptop with internet connection

A self-study guide for aspiring machine learning practitioners

Machine Learning Crash Course features a series of lessons with video lectures, real-world case studies, and hands-on practice exercises.



40+ exercises



25 lessons



15 hours



Lectures from Google researchers



Real-world case studies



Interactive visualizations of algorithms in action

Introducing colab

Easy way to learn and use TensorFlow

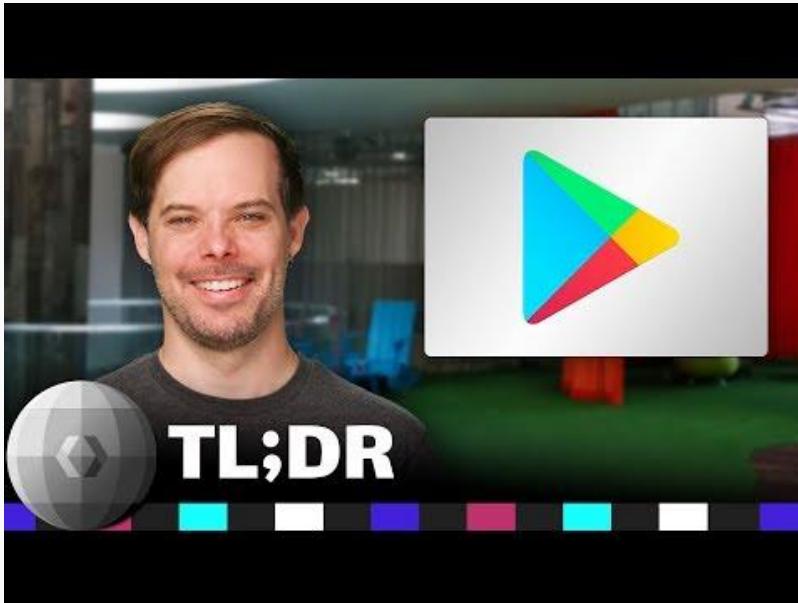
Hosted Jupyter notebook that is free to use (no setup required) with

- TensorFlow preinstalled
- Collaborative
- Hardware accelerated
- Easy to use with Github



Things you should know...

Don't forget to catch up..



[The TL;DR Developer Show](#)
covers the top announcements across Google
Developer Products within 5 mins, every
week. Do subscribe.



[Videos from Google I/O](#)
Are also available on the Google Developers
Youtube channel.



Women Techmakers



Thank you