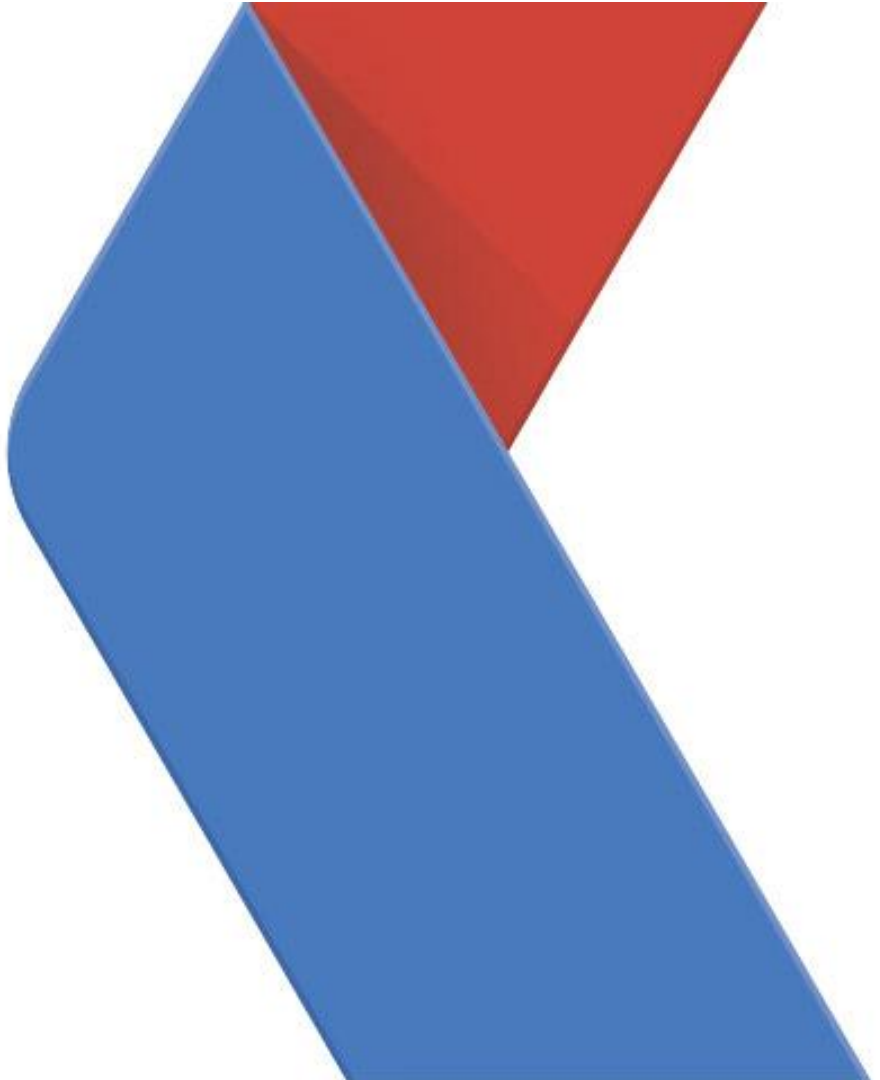
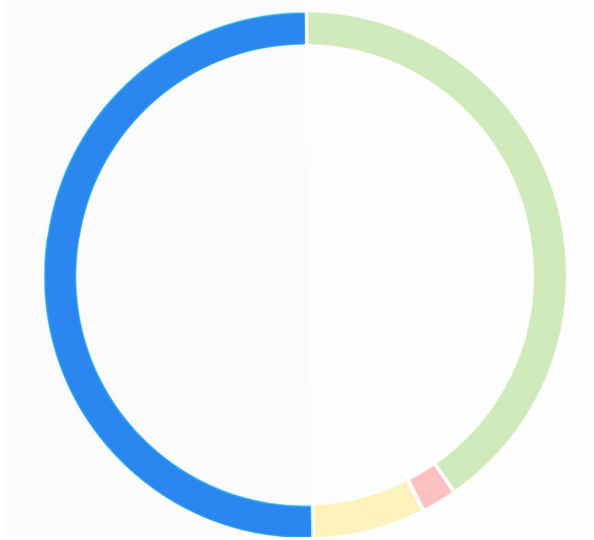
Developing Rock Solid Apps with Firebase

December 8th, 2016
Beijing, China





51%
Stability Issues

41%
Functionality Related

7%
Speed

1%
Other

App quality matters

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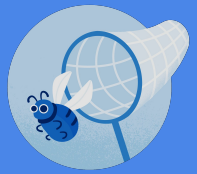
Classification of 1-star reviews (Sampling of Play Store reviews, May 2016)

Firebase Test Lab
for Android

Test during development

Firebase Crash Reporting



Monitor in production

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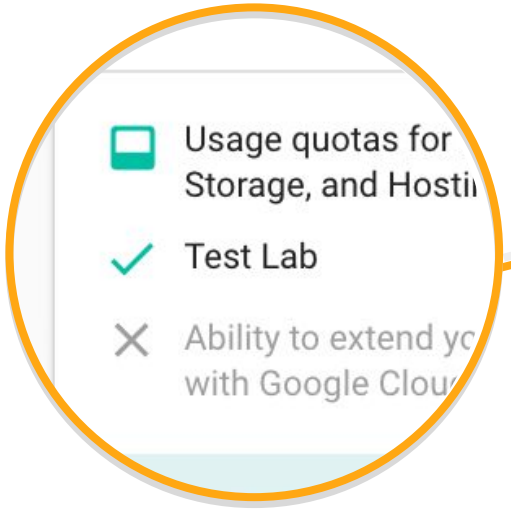
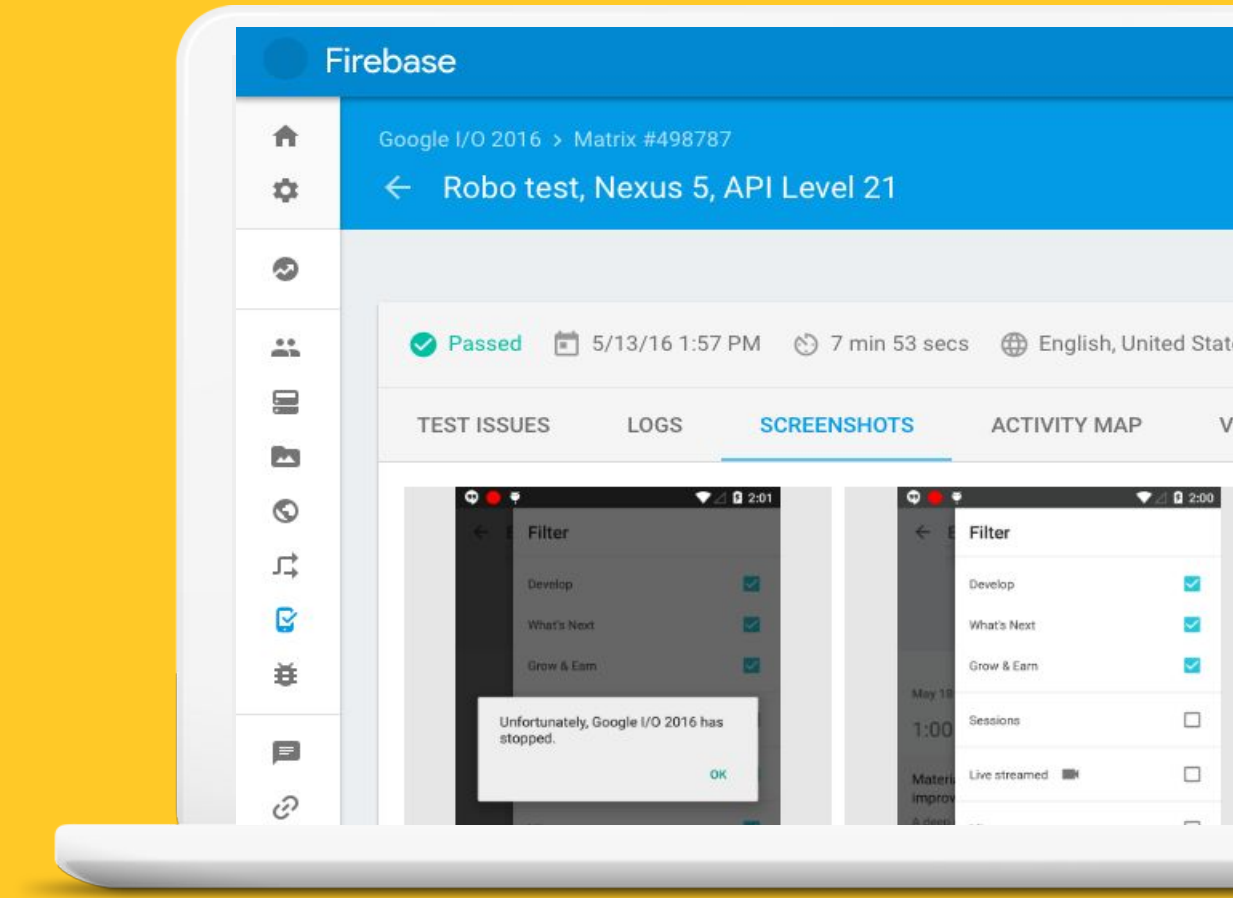
Firebase Test Lab
for Android

Get started at no cost!



Spark	Flame	Blaze
Free $0/month	Fixed $25/month	Pay as you go
Usage quotas for Database, Storage, and Hosting	Double the Database, Storage, and Hosting space of Spark	No quotas for Database, Storage, and Hosting
✓ Test Lab	✓ Test Lab	✓ Test Lab
✗ Ability to extend your project with Google Cloud Platform	✗ Ability to extend your project with Google Cloud Platform	✓ Ability to extend your project with Google Cloud Platform
✓ **Included in all plans** Analytics, Notifications, Crash Reporting, support, and more	✓ **Included in all plans** Analytics, Notifications, Crash Reporting, support, and more	✓ **Included in all plans** Analytics, Notifications, Crash Reporting, support, and more
See full plan details	See full plan details	See full plan details
SELECT PLAN	SELECT PLAN	CURRENT PLAN

Use with your existing workflow



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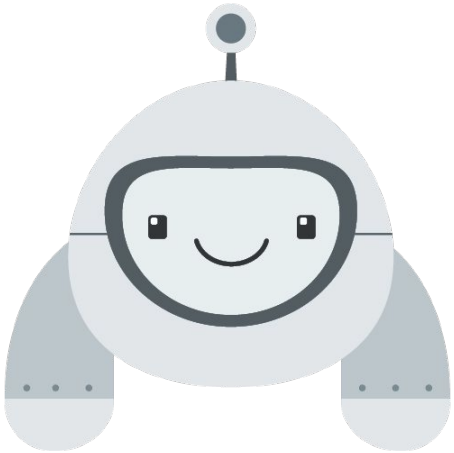
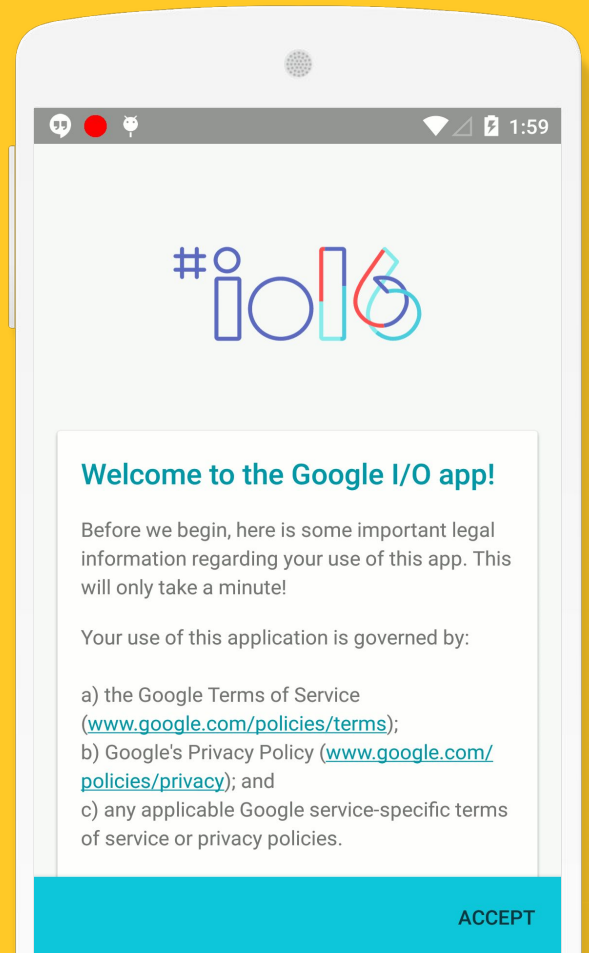
No Tests? Use ours!

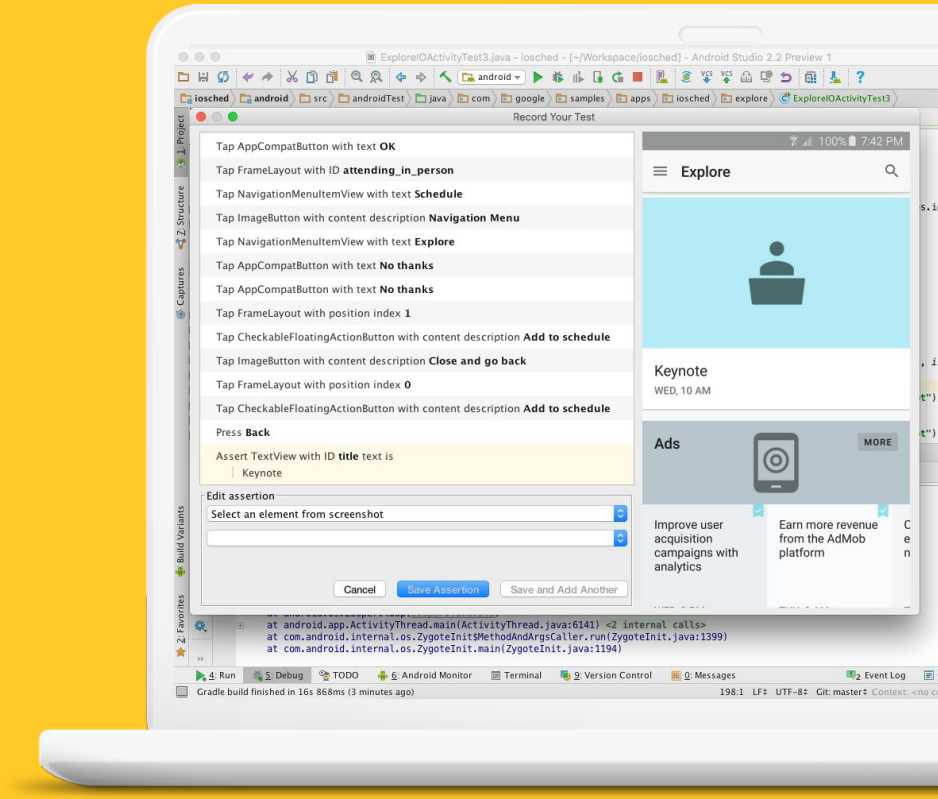




Create your own tests by simply using your app

UI TESTING FOR ANDROID

espresso



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Millions of Tests, and counting!

> After extensive evaluation of the market, we've found that Firebase Test Lab is the best product for writing and running Espresso tests directly from Android Studio, saving us tons of time and effort around automated testing.
>
> - Timothy West, Jet

Jet

AMEX

wealthfront

WeMesh

FOURSQUARE

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Firebase Crash Reporting BETA

Cross platform

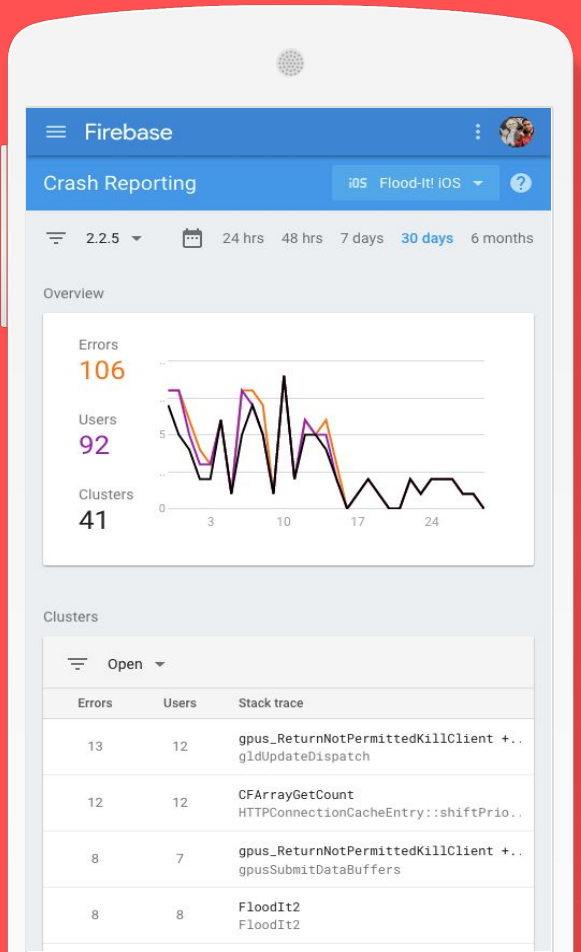
Easy install

Triage by impact

Work with Analytics

Firebase Crash Reporting

Console



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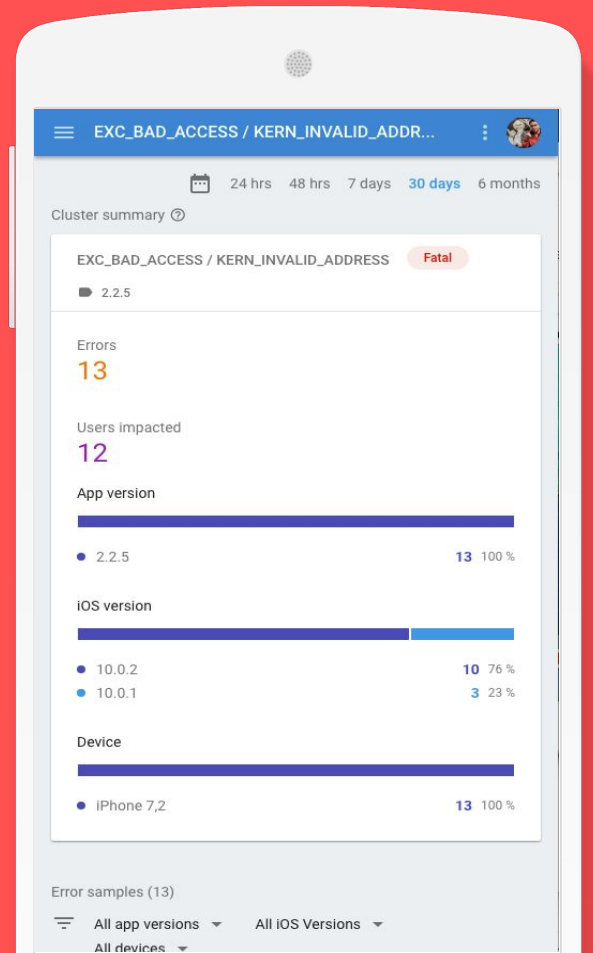
Firebase Crash Reporting

Console



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Firebase Crash Reporting BETA

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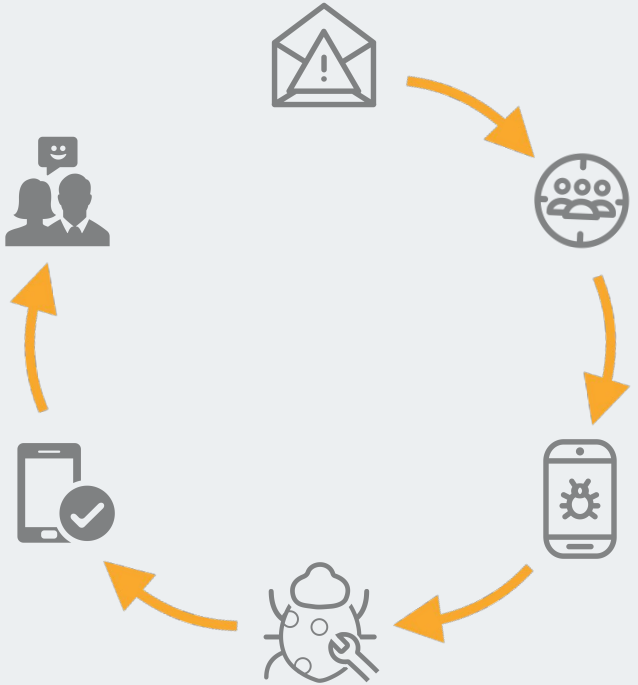
Firebase Crash Reporting

Alerts

Closing issues

Analytics events
In logs

Day in the life of a Developer



Building Rock Solid Apps is Easier with Firebase

Quality → Retention → $$

Build a suite of tests

Test *continuously* before problems affect your users

Monitor for production issues

Improve the Quality of your App Today

Thank you!

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