

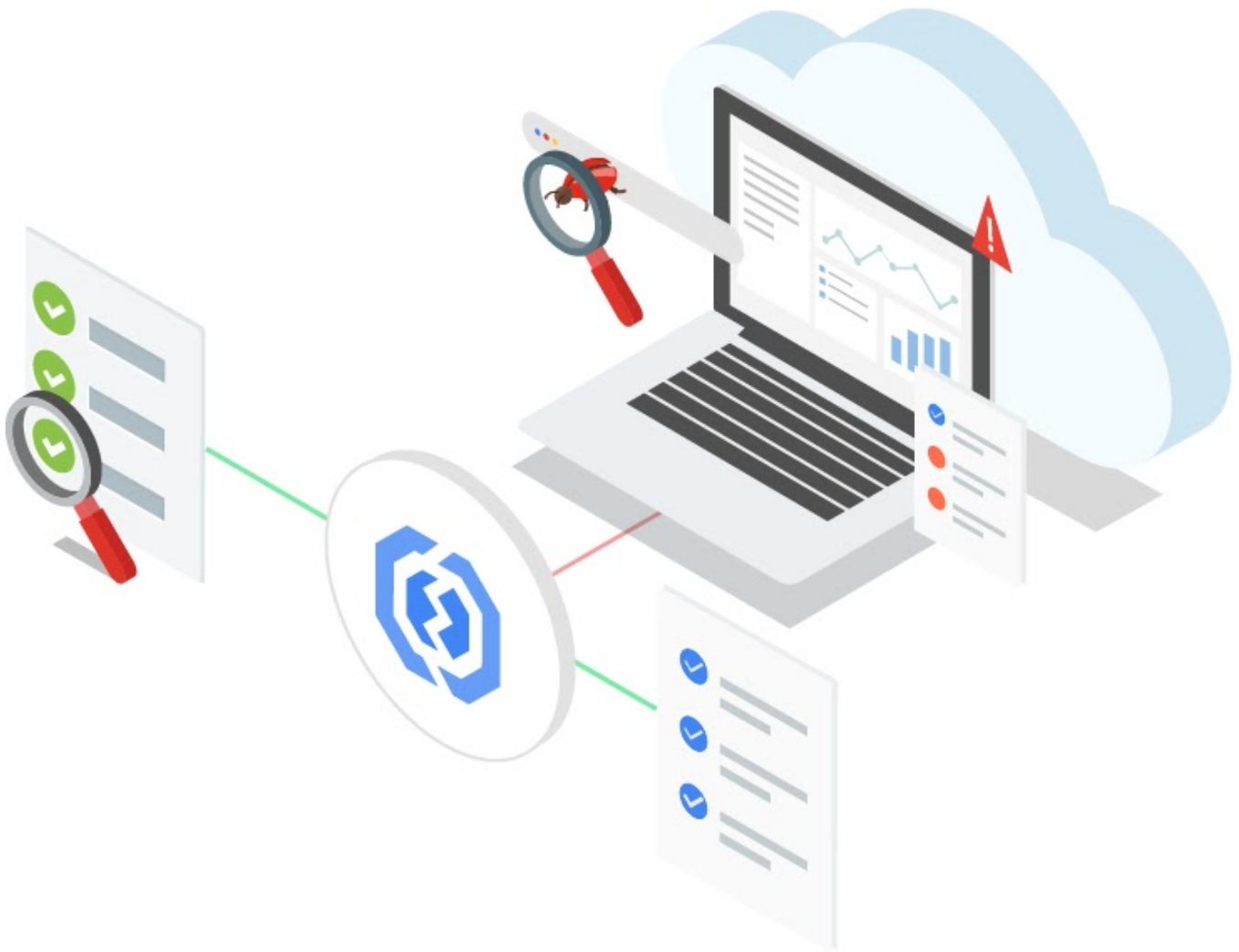
# Error Reporting

Identify and understand your application errors.

Try it free (<https://console.cloud.google.com/freetrial>)

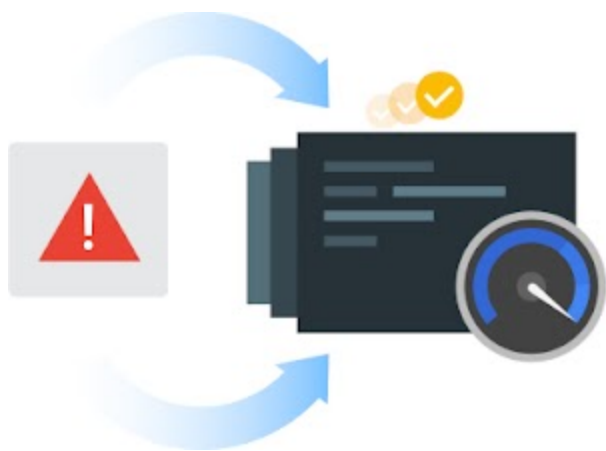
Contact sales (<http://cloud.google.com/contact/>)

[View documentation](https://cloud.google.com/error-reporting/docs/) (<https://cloud.google.com/error-reporting/docs/>) for this product.



## Real-time exception monitoring and alerting

Error Reporting counts, analyzes, and aggregates the crashes in your running cloud services. A centralized error management interface displays the results with sorting and filtering capabilities. A dedicated view shows the error details: time chart, occurrences, affected user count, first- and last-seen dates and a cleaned exception stack trace. Opt in to receive email and mobile alerts on new errors.



### Quickly understand errors

See at a glance your application's top or new errors in a clear dashboard. Looking at a log stream to find important errors can slow you down when you are troubleshooting. Error Reporting brings you the processed data directly to help you understand and fix the root causes faster.



## Automatic and real-time

Real production problems can be hidden in mountains of data. Error Reporting helps you see the problems through the noise by constantly analyzing your exceptions and intelligently aggregating them into meaningful groups tailored to your programming language and framework.



## Instant error notification

Do not wait for your users to report problems. Error Reporting is always watching your service and instantly alerts you when a new application error cannot be grouped with existing ones. Directly jump from a notification to the details of the new error.



## Popular languages

The exception stack trace parser is able to process Go, Java™, .NET, Node.js, PHP, Python, and Ruby. Use our client libraries, REST API, or send errors with Cloud Logging.

---

## Features

### Real-time processing

Application errors are processed and displayed in the interface within seconds. Enable auto-reload for an up-to-date interface.

### Intelligent error grouping

Errors are grouped and de-duplicated by analyzing their stack traces. Our system knows about the common frameworks used for your language and groups errors accordingly.

## Overview with filtering

Aggregated errors are presented in a concise overview table. Sort by occurrences, number of affected users, or first/last seen date. Filter the content by time window or service. Enable auto-refresh to keep an eye on the changes.

## Error details

A dedicated page displays the details of the error: bar chart over time, list of affected versions, request URL and link to the request log.

## Stack trace exploration

Stack traces are parsed and displayed with a style that helps you focus on what matters. Click stack frames to go to source and start debugging.

## Alerts

Opt in to receive instant email and mobile alerts on newly seen errors.

## Issue tracker integration

Easily link an error to an issue from your issue tracker. See at a glance which errors have associated issues.

## Mobile application

Error Reporting is available on desktop and in the Cloud Console mobile app for iOS and Android.

## Easy setup

Error and exception data is sent by calling a dedicated API or simply using Cloud Logging. The feature is available with zero setup for App Engine applications and requires just a few steps to set up on other platforms like Compute Engine and AWS EC2.

“ We have been in search of a solution like this and were about to try wiring together various vendor solutions. Error Reporting really hits the mark and has immediately uncovered issues that had been unnoticed in production. I credit this tool with raising the quality and user experience of our product to a huge degree. ”

John Koehl, CTO, Batterii

The logo for Batterii, featuring the word "batterii" in a bold, lowercase, sans-serif font. The two 'i's at the end are stylized with blue dots above them. A registered trademark symbol (®) is located to the upper right of the second 'i'.

## Resources



### Get started

View documentation → (/error-reporting/docs/quickstart)



### API reference

View documentation → (/error-reporting/reference)



### Introducing Error Reporting

Read [blog](/blog/products/gcp/monitor-your-application-errors-with-stackdriver-error-reporting) → (/blog/products/gcp/monitor-your-application-errors-with-stackdriver-error-reporting)

---

## Pricing

Error Reporting supports errors sent through the use of either:

- **Cloud Logging** (<https://cloud.google.com/logging/>), which, for pricing purposes, measures the quantity of log data loaded and processed by Logging or other Google Cloud services. See **Pricing** (<https://cloud.google.com/stackdriver/pricing>) for details.

- [Error Reporting API](https://cloud.google.com/error-reporting/reference/) (https://cloud.google.com/error-reporting/reference/): you might incur minor Cloud Logging costs if your errors are ingested by Logging. For details, go to [Report error events](https://cloud.google.com/error-reporting/reference#operations) (https://cloud.google.com/error-reporting/reference#operations).

## Take the next step

Start building on Google Cloud with \$300 in free credits and 20+ always free products.

[Try it free](https://console.cloud.google.com/freetrial) (https://console.cloud.google.com/freetrial)

### Need help getting started?

[Contact sales](https://cloud.google.com/contact/) (https://cloud.google.com/contact/)

### Work with a trusted partner

[Find a partner](https://cloud.withgoogle.com/partners/) (https://cloud.withgoogle.com/partners/)

### Continue browsing

[See all products](https://cloud.google.com/products/) (https://cloud.google.com/products/)

A product or feature listed on this page is in beta. For more information on our product launch stages, see [here](https://cloud.google.com/terms/launch-stages) (https://cloud.google.com/terms/launch-stages).

Java is a registered trademark of Oracle and/or its affiliates.