

[PHP](https://cloud.google.com/php/) (<https://cloud.google.com/php/>) [Guides](#)

# Stackdriver for PHP

## Overview

[Stackdriver](https://cloud.google.com/stackdriver) (<https://cloud.google.com/stackdriver>) provides powerful monitoring, logging, and diagnostics for PHP applications.

PHP libraries are available for the following Stackdriver services:

- [Debugger](#) (#debugger)
- [Error Reporting](#) (#error\_reporting)
- [Logging](#) (#logging)
- [Monitoring](#) (#monitoring)
- [Trace](#) (#trace)

## Debugger

[Stackdriver Debugger](https://cloud.google.com/debugger/docs) (<https://cloud.google.com/debugger/docs>) is a feature of Google Cloud Platform that lets you inspect the state of a PHP application, at any code location, without stopping or slowing down the running app. To get started with Stackdriver Debugger, see [Setting Up Stackdriver Debugger for PHP](https://cloud.google.com/debugger/docs/setup/php) (<https://cloud.google.com/debugger/docs/setup/php>).

## Error Reporting

[Stackdriver Error Reporting](https://cloud.google.com/error-reporting/docs) (https://cloud.google.com/error-reporting/docs) for PHP aggregates and displays errors produced in your running PHP applications. To get started with Stackdriver Error Reporting, see [Setting Up Stackdriver Error Reporting for PHP](https://cloud.google.com/error-reporting/docs/setup/php) (https://cloud.google.com/error-reporting/docs/setup/php).

## Logging

[Stackdriver Logging](https://cloud.google.com/logging/docs) (https://cloud.google.com/logging/docs) for PHP allows you to store, search, analyze, monitor, and alert on log data and events in PHP applications. We provide Bunyan and Winston plugins, as well as a Stackdriver Logging API client library. To get started with Stackdriver Logging, see [Setting Up Stackdriver Logging for PHP](https://cloud.google.com/logging/docs/setup/php) (https://cloud.google.com/logging/docs/setup/php).

## Monitoring

[Stackdriver Monitoring](https://cloud.google.com/monitoring/docs) (https://cloud.google.com/monitoring/docs) for PHP collects metrics, events, and metadata from PHP applications. Stackdriver ingests that data and generates insights via dashboards, charts, and alerts.

Links:

- [Cloud Client Libraries for the Stackdriver Monitoring API](https://cloud.google.com/monitoring/docs/reference/libraries) (https://cloud.google.com/monitoring/docs/reference/libraries)
- [Creating Custom Metrics](https://cloud.google.com/monitoring/custom-metrics/creating-metrics) (https://cloud.google.com/monitoring/custom-metrics/creating-metrics)
- [Reading Metrics](https://cloud.google.com/monitoring/custom-metrics/reading-metrics) (https://cloud.google.com/monitoring/custom-metrics/reading-metrics)
- [Browsing Metrics](https://cloud.google.com/monitoring/custom-metrics/browsing-metrics) (https://cloud.google.com/monitoring/custom-metrics/browsing-metrics)

## Trace

[Stackdriver Trace](https://cloud.google.com/trace/docs) (https://cloud.google.com/trace/docs) is a distributed tracing system for Google Cloud Platform that collects latency data from PHP applications and displays it in near real time in the Google Cloud Console. To get started with Stackdriver Trace, see [Setting Up Stackdriver Trace for PHP](https://cloud.google.com/trace/docs/setup/php) (https://cloud.google.com/trace/docs/setup/php).

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