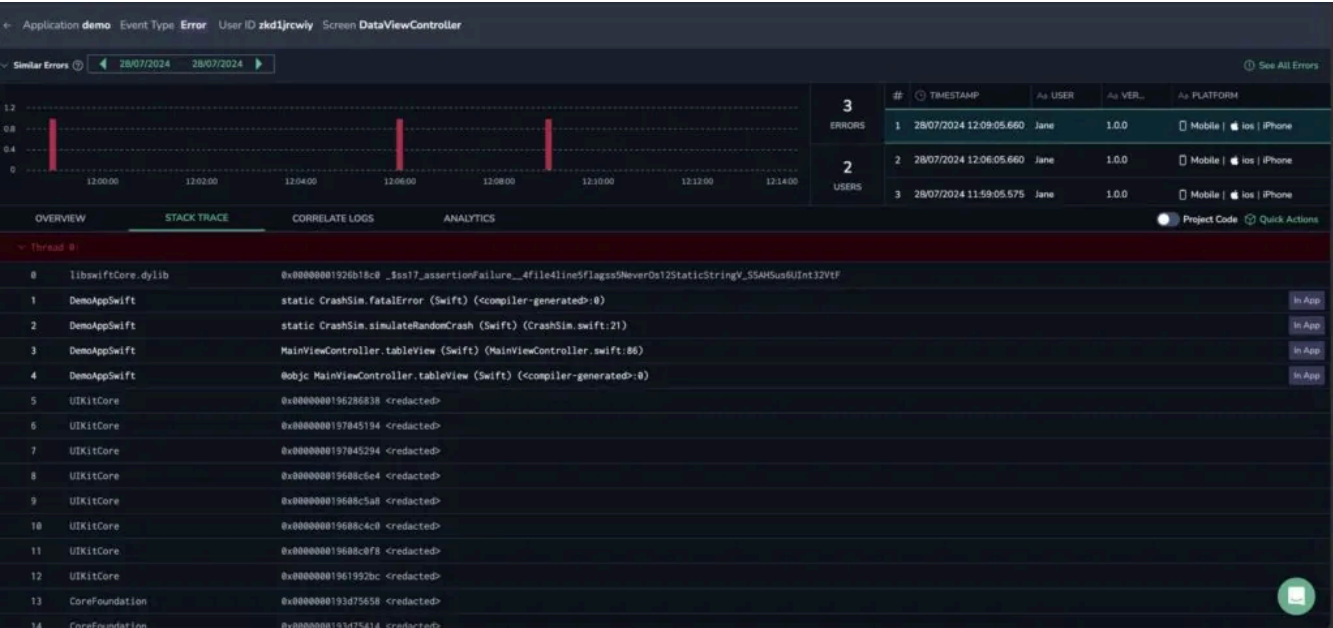


Uploading Debug Symbols: iOS

Overview

As part of Error Tracking, Coralogix requires dSYM (debug information) files to interpret your stack traces. The symbolization process converts the stack traces in raw format back into readable function names, file names, and line numbers related to the crash.

To symbolicate your stack traces, locate and upload your .dSYM files to Coralogix using the `coralogix-rum-cli upload-dsym` command.



Prerequisites

- Before sending your data, verify that your S3 bucket has been properly set up and configured. For details on using an S3 bucket for data archiving, refer to the [Coralogix documentation on S3 buckets](#).
- To use this API you need to [create](#) a personal or team API key. It's recommended to use permission presets, as they are automatically updated with all relevant permissions. Alternatively, you can manually add individual permissions.

Preset	Action	Description
DataQuerying	LEGACY-ARCHIVE- QUERIES:EXECUTE LOGS.DATA- API#HIGH:READDATA LOGS.DATA-API#LOW:READDATA METRICS.DATA- API#HIGH:READDATA SPANS.DATA- API#HIGH:READDATA	Query Data from the Archive Query Frequent Search Logs Query Monitoring & Compliance Logs Query Metrics Query Frequent Search Spans Query Monitoring & Compliance Spans

Preset	Action	Description
	SPANS.DATA-API#LOW:READDATA	

Find dSYM files

Every iOS application generates .dSYM files for each module. These files are crucial for reducing the application's binary size, which in turn allows for quicker download speeds. Each version of the application comes with its own set of .dSYM files.

Upload dSYM files

Manually upload your dSYM file. If you have multiple dSYM files, they can be within a single zip with a maximum file size of 400 MB.

To manually upload your dSYM files:

```
coralogix-rum-cli upload-dsym -k <cx_api_key> -a <application> -v <version>
-f <folderPath> -e <env> -c <commitHash> -n <repoName> -o <orgName>
```

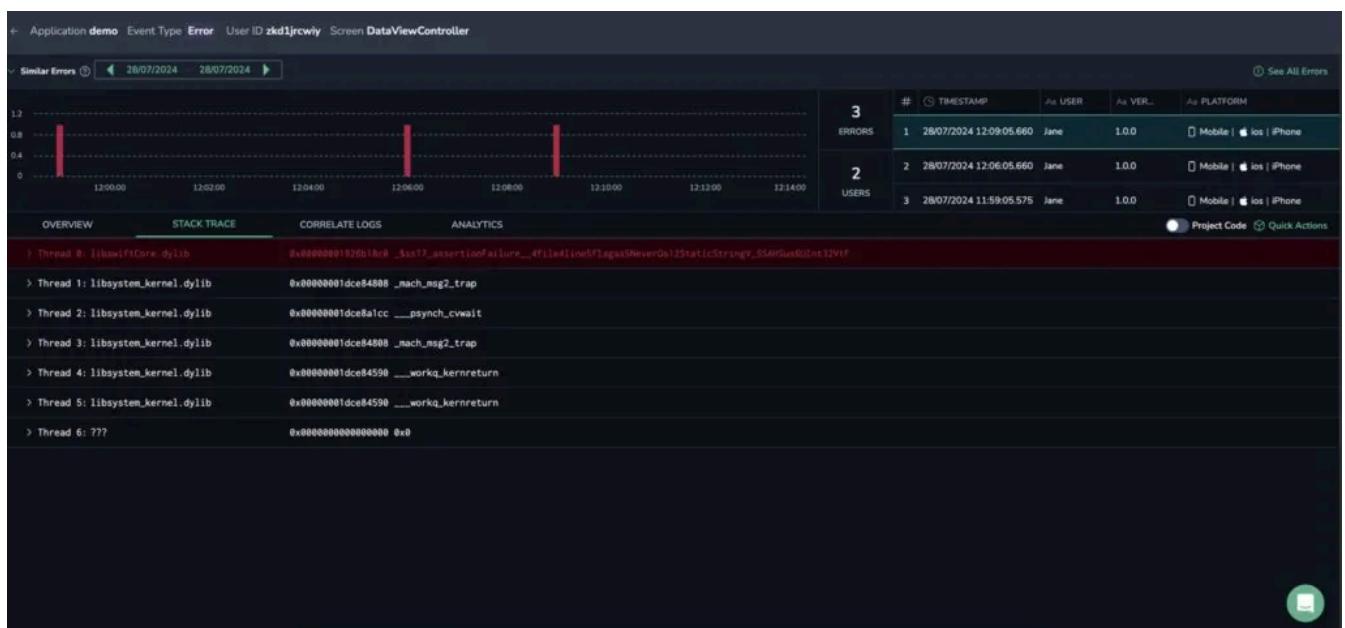
Option	Description	Example
-k, --private-key <cx_api_key>	The API key used to authenticate with the Coralogix API.	-k abc123xyz
-a, --application <application>	Name of the application.	-a MyApp
-v, --version <version>	The application version - must match the version used by RUM SDK.	-v 1.0.0
-f, --folder-path <folderPath>	Path to the folder containing the source maps.	-f /path/to/dsym/files
-e, --env <env>	Refer to Coralogix endpoints to select the "Uploading Debug Symbols: iOS" Coralogix API endpoint for the domain associated with your Coralogix account.	
-c, --commit-hash <commitHash>	GitHub commit hash (optional).	-c 1a2b3c4d5e

Option	Description	Example
<code>-n, --repo-name <repoName></code>	GitHub repository name (optional).	<code>-n my-repo</code>
<code>-o, --org-name <orgName></code>	GitHub organization name (optional).	<code>-o my-org</code>
<code>-g, --generate <generate></code>	Update the existing release or create a new one if not found (optional).	<code>-g true</code>
<code>-h, --help</code>	Display help.	<code>-h</code>

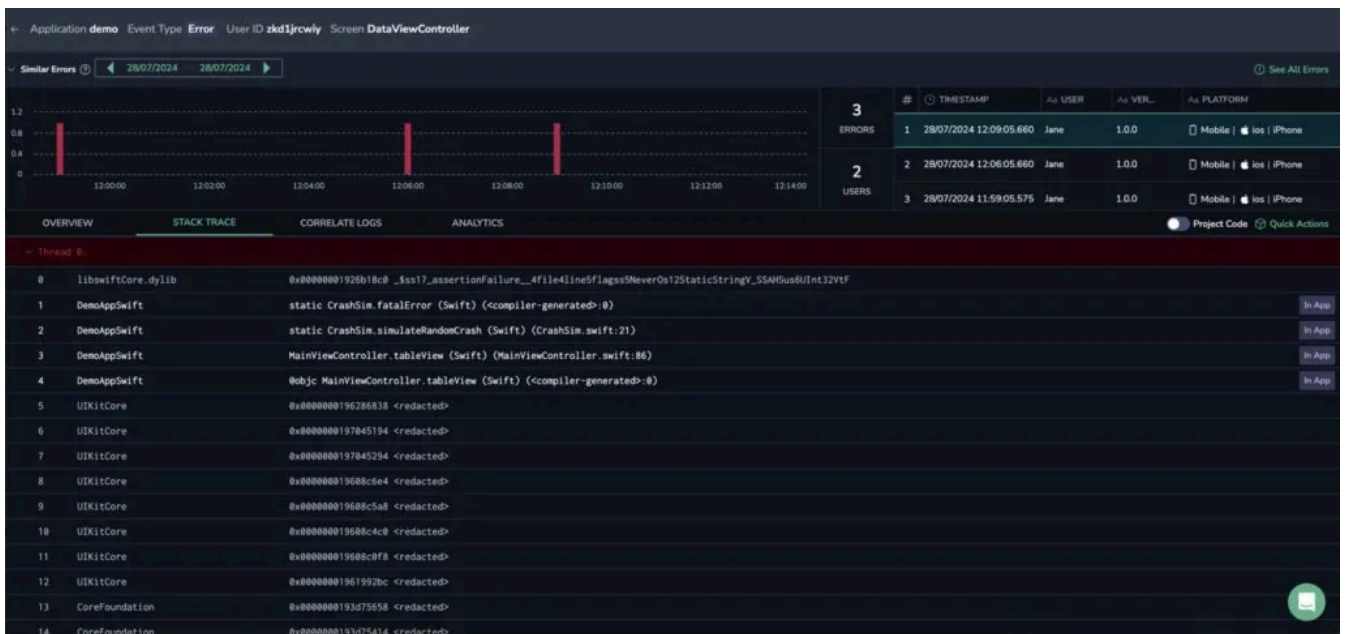
View stack traces

STEP 1. In your Error Tracking Screen, filter your errors by Mobile in the PLATFORM section.

STEP 2. Click on the error of interest. In the Error Drill-Down, select the STACK TRACE tab. Displayed will be the stack trace divided into the threads.



STEP 3. Click on the thread drop-down to view its frames.



Limitations

dSYM files are limited to 400 MB.

Support

Need help?

Our world-class customer success team is available 24/7 to walk you through your setup and answer any questions that may come up.

Feel free to reach out to us **via our in-app chat** or by sending us an email to support@coralogix.com.

🕒 Last updated: September 2, 2025

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☐ Yes ☐ No

Send

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Source: <https://coralogix.com/docs/user-guides/rum/cli/uploading-debug-symbols-ios/>