

LOGZILLA DOCUMENTATION

Data Transforms

Overview of LogZilla data transforms: rewrite rules, Lua rules, and custom apps for normalizing event fields and adding searchable tags

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Data transforms

Data transforms normalize, enrich, and route events so downstream search, widgets, dashboards, and alerts operate on clean, consistent fields. This section explains when to transform data, how rewrite rules and Lua rules work, and how LogZilla Apps package transformation logic.

Topics in this section

- [Transforming event streams](https://www.logzilla.ai/docs/data-transforms/transforming-event-streams) (https://www.logzilla.ai/docs/data-transforms/transforming-event-streams)
- [Rewrite rules](https://www.logzilla.ai/docs/data-transforms/rewrite-rules) (https://www.logzilla.ai/docs/data-transforms/rewrite-rules)
- [Lua rules](https://www.logzilla.ai/docs/data-transforms/lua-rules) (https://www.logzilla.ai/docs/data-transforms/lua-rules)
- [Creating custom apps](https://www.logzilla.ai/docs/data-transforms/creating-custom-apps) (https://www.logzilla.ai/docs/data-transforms/creating-custom-apps)
- [Testing and verification](https://www.logzilla.ai/docs/data-transforms/testing-and-verification) (https://www.logzilla.ai/docs/data-transforms/testing-and-verification)
- [Walkthrough: rewrite rule](https://www.logzilla.ai/docs/data-transforms/rewrite-rule-walkthrough) (https://www.logzilla.ai/docs/data-transforms/rewrite-rule-walkthrough)
- [Walkthrough: Lua app](https://www.logzilla.ai/docs/data-transforms/lua-app-walkthrough) (https://www.logzilla.ai/docs/data-transforms/lua-app-walkthrough)

Related reading

- [LogZilla Apps](https://www.logzilla.ai/docs/administration/logzilla-apps) (https://www.logzilla.ai/docs/administration/logzilla-apps)
- [Syslog pipeline customization](https://www.logzilla.ai/docs/administration/syslog-pipeline-customization) (https://www.logzilla.ai/docs/administration/syslog-pipeline-customization)
- [HTTP Event Receiver](https://www.logzilla.ai/docs/receiving-data/http-event-receiver) (https://www.logzilla.ai/docs/receiving-data/http-event-receiver)
- [Command Line Tools -- Data Commands](https://www.logzilla.ai/docs/command-line-tools/data-commands) (https://www.logzilla.ai/docs/command-line-tools/data-commands)