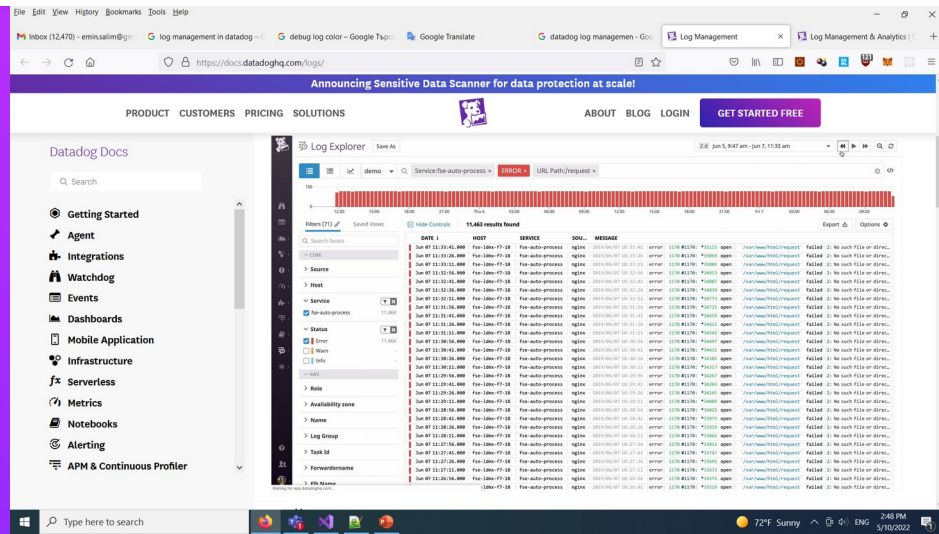
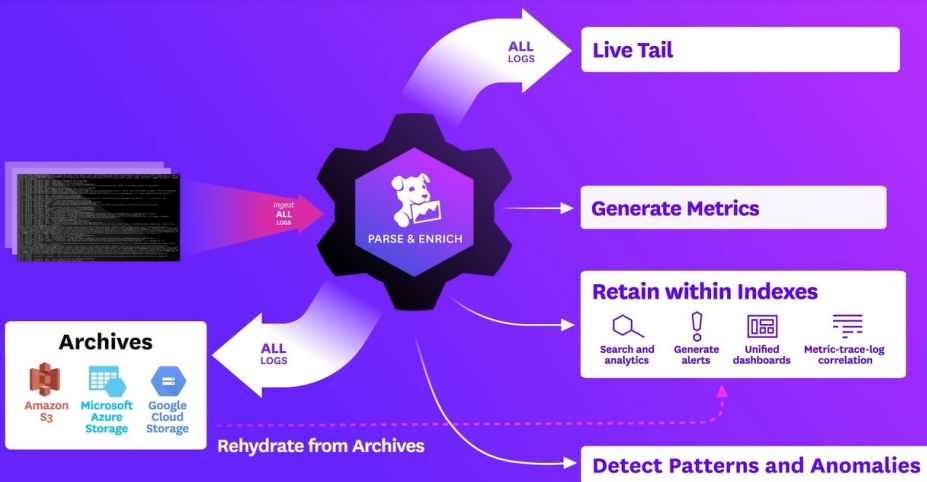


What is a Log Management System

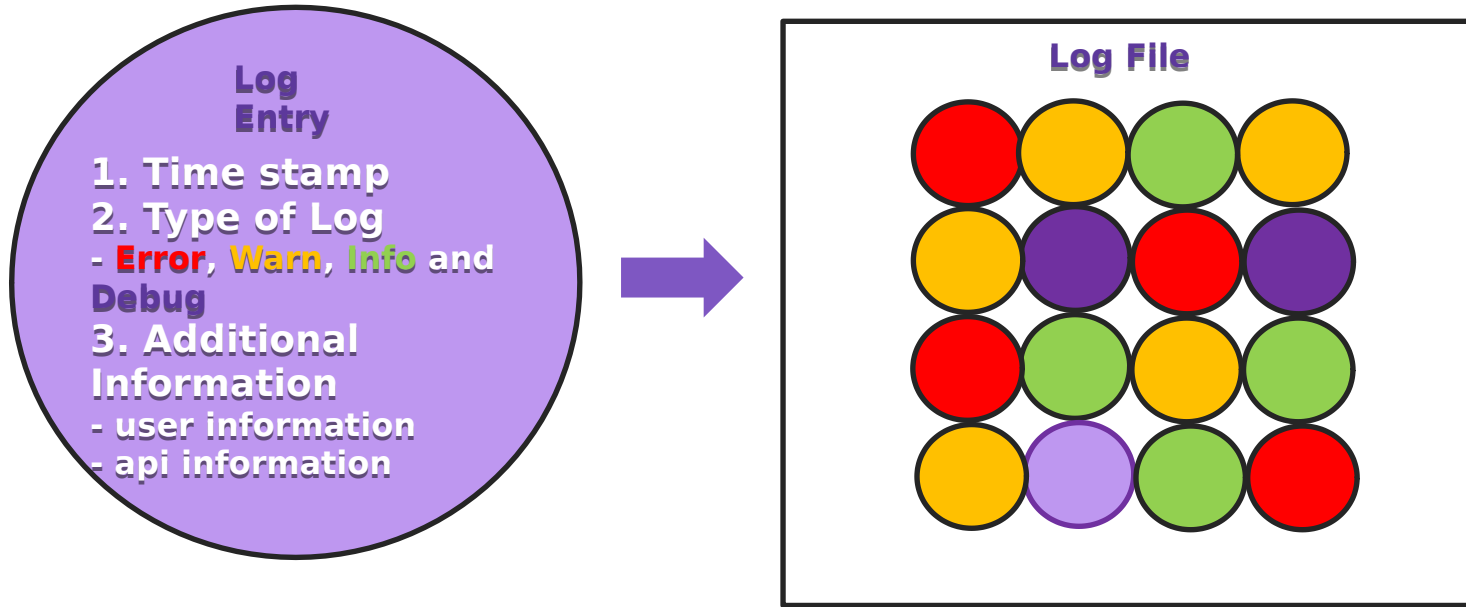


What is a Log Entry?

Log entry is the simplest data structure. This is a Data structure you define, and you want to store somewhere.

It is like a time-stamped documentation of event relevant to a particular system.

All software applications and systems produce logs.



What is a Log Management System?

LMS is a software solution that involves gathering, processing, storing and analyzing log data from our applications.

This answer the question how to analyze Log files.

LMS helps us:

- Pinpointing areas of poor performance.
- Assessing application health and troubleshooting.
- Diagnosing and identifying the root cause of application installation and run-time errors.

How to save logs in Datadog?

We use a logger object which is used to log messages for a specific system or application component
Data logging is the process of collecting and storing data over a period in order to analyze specific trends or record the data-based events/actions of a system, network or IT environment.

For different languages Datadog offers different logger solutions.

.NET: Serilog, log4net, **NLog** and Microsoft.Extensions.Logging

Java: Log4j, Log4j 2, Logback.