


# Elastic Stack





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8+ Experience

 @harolds\_port

 haroldport

# WHO I AM?

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# APPLICATION LOGGING



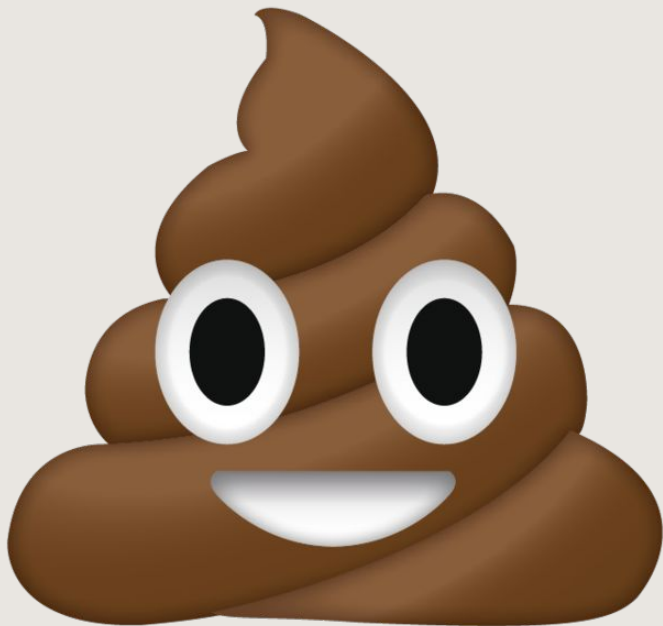


# ELASTIC STACK TO THE RESCUE

The Elastic Stack lets you reliably and securely take data from any source, in any format, and search, analyze, and visualize it in real time.



# BAD LOGGING



- Choosing Incorrect Log Levels (logging everything as error)
- Logging Sensitive Information
- Excessive Logging
- Using a Single Log File
- Messages like:

```
logger.error("*****Aquí inicia el proceso*****");  
logger.error("*****Aquí termina el proceso*****");  
logger.info("Se produjo un error");  
log.info("Password ingresado " + password);  
log.error("" + e);  
log.error(e.getMessage());
```



# GOOD LOGGING



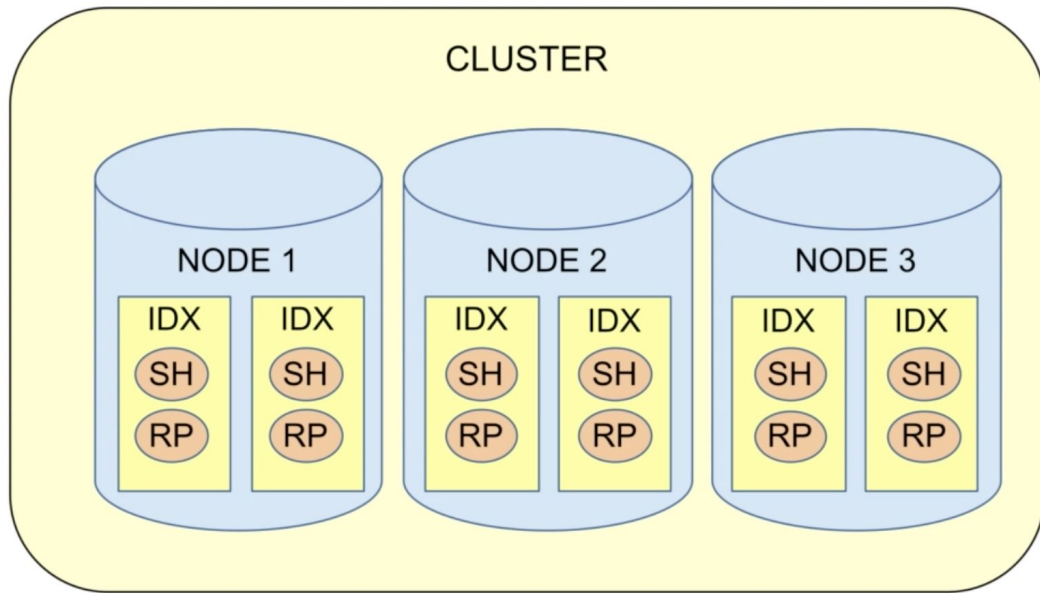
- Choosing Correct Log Levels
- Provide Context
- Use a standard structured format like JSON
- Create a standard schema for your fields
- Log rotation strategy
- Messages like:

```
logger.info("Inicio proceso login|startTime:98766|processId:1223|userId:haroldport");  
logger.info("Fin proceso login|endTime:98816|processId:1223|userId:haroldport");  
log.error("Error reading configuration file", e);
```





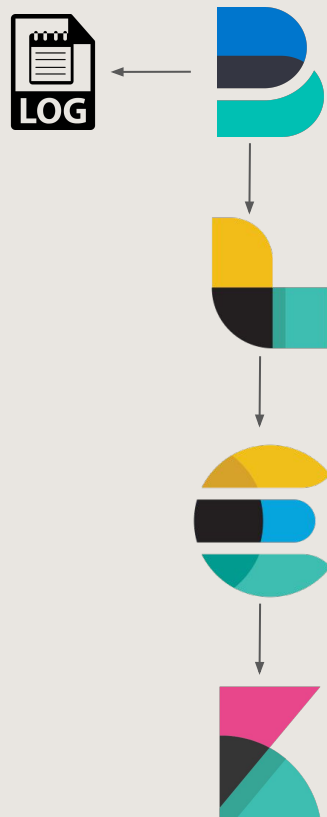
# ELASTICSEARCH CORE CONCEPTS



Document



# PIPELINES ELASTIC STACK



DEMO TIME





THANKS!