Log Normalisation Application

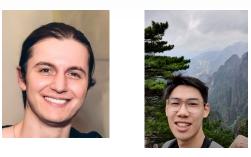
Telstra Project - Team Wombat



The Wombat Team



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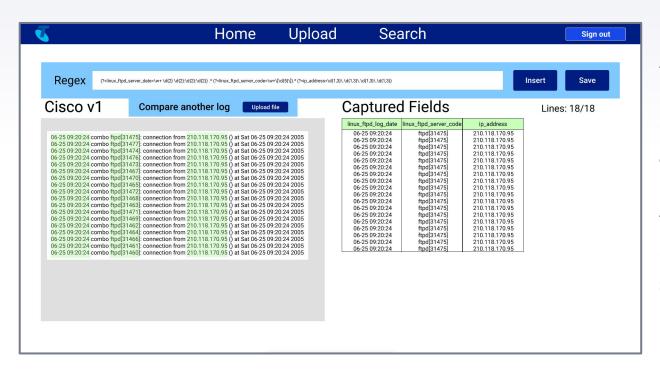
Problem Statement

The Data Normalisation Problem:

- Process Complexity
- Redundant work
- Lack of information
- Reduced Collaboration



The Product



A tool that simplifies the process of normalising log data, by providing a UI that assists in the creation of RegExes for unstructured files, and suggesting column types for structured files.

Scenarios

Structured Files

Uploading a structured file like a CSV and getting suggestions for the columns

New Unstructured File

Uploading an unstructured file that is new to the system and has not been encountered before, and building a RegEx for that file

Additional Features

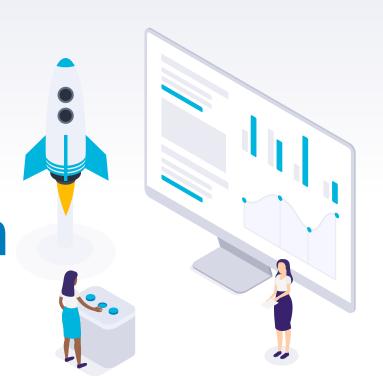
Searching past RegExes

Generating a RegEx field by

highlighting a section of a log

Demonstration

An overview of our Product



Business value

Log Normalisation Tool

Cost

- Reduces man hours spent on normalising both new and updated log files
- Suggestion feature
 mitigates errors
 associated with writing
 new regexes

Scalability

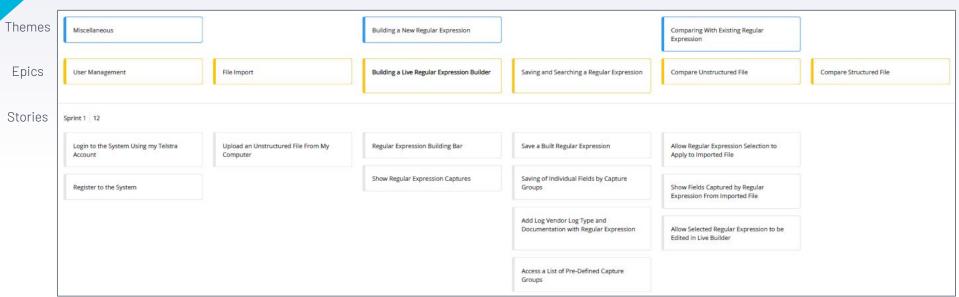
- An established process allows for easier scaling to service external clients
- Regex database allows for reusability

Security

Reduces frictions
 associated with log
 files, allowing for faster
 analysis of security logs

What's Next? - 3 Sprints

Sprint 1

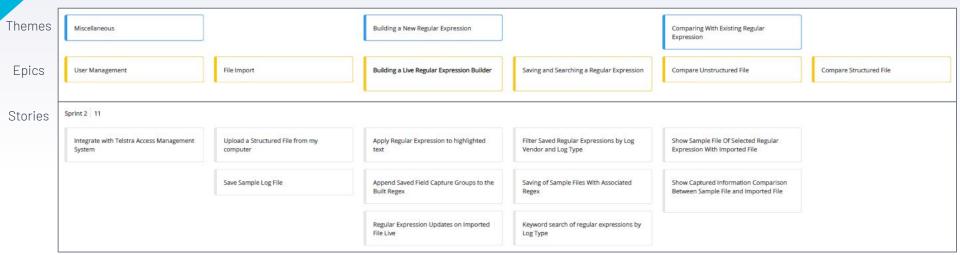


'Must Have' User Stories

- User log-in
- Unstructured files
- Regex builder, execution, metadata
- Save capture groups

What's Next? - 3 Sprints

Sprint 2

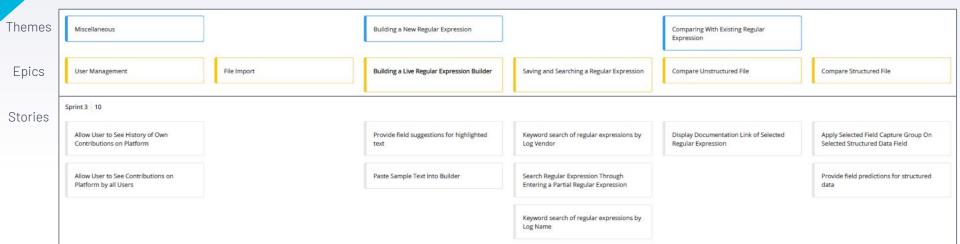


'Should Have' User Stories

- Telstra SSO
- Structured files
- Appending to regex
- Search for saved items

What's Next? - 3 Sprints

Sprint 3



'Could Have' User Stories

- User contributions
- Field suggestions
- Capture groups on structured files
- Search by log name

Handover: Project Artefacts

Motivational Model

Do/Be/Feel Table

Goal Model

User stories

Provides context to the development team

Personas

Major users

Expectations and concerns

Prototypes

Development team implement based on digital prototypes

Moodboard

What kind of impression does this software give people?

Acceptance tests

Check if they meet the criteria of user stories

THANKS!

Any questions?



