FLARE

Automated limit check for performance optimization in Codebeamer

Successful in OEM use for
>500 projects
>5.000 groups
>10 mio. items

FLARE vs. manually:
High-performance platform through automated & time-efficient limit monitoring

Target Group

- Industry: Automotive, Medical Technology, Aerospace, etc.
- Company: From small teams to enterprise level
- User: System Admins, Codebeamer users

Challenges

- Maintaining **maximum performance** with increasing user numbers and data volumes in Codebeamer
- Compliance with the defined **soft limits for data volumes** (e.g. number of items, trackers, projects, references, etc.) to avoid performance losses
- **Early detection and analysis** of limit overruns due to specific trackers or projects

Our Solution

- **Advanced tool-driven** limit monitoring enables system admins to **efficiently** pinpoint the root causes of performance issues
- **Automated comparison** of the defined soft limits with the actual state of the data (e.g. calculations of tracker inheritance chain lengths)
- Visualization of limit breaches through color-coded, automatically generated **tables** for immediate recognition
- Possibility of displaying the relationships between projects using a **mermaid diagram** (e.g. flowchart)
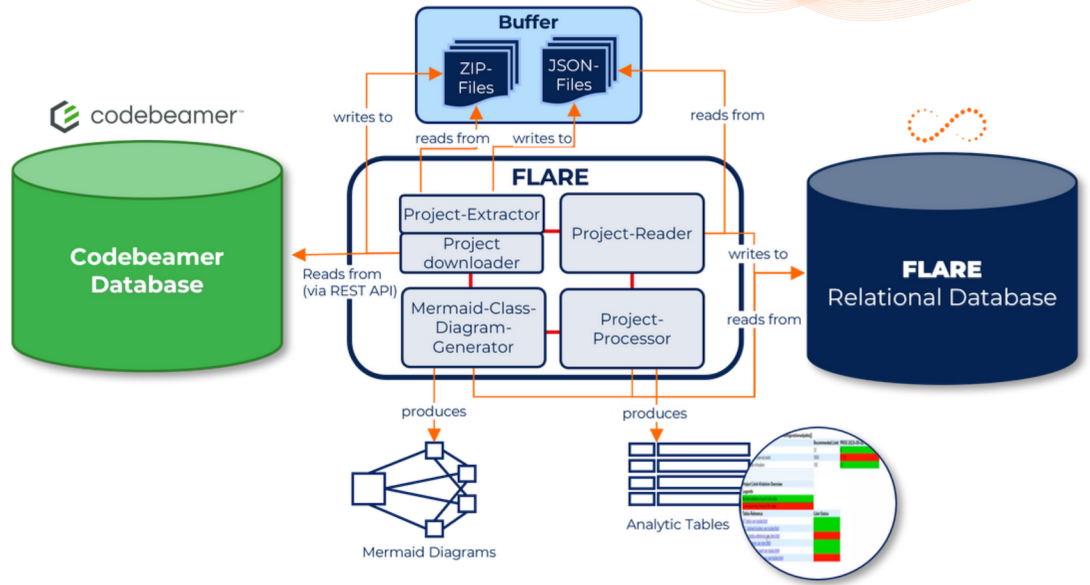
FLARE = Framework for **L**imit **A**nalysis and **R**esource **E**valuation

Thorsten Reinholz, Head of IT System Integration at Lösch & Partner:

*FLARE identifies whether limits that are difficult or impossible to calculate manually are being exceeded, enabling **early** recognition of **potential problem areas**. This allows for **proactive measures** to be taken before limits are actually surpassed.*

Graph

Your Advantages

Automatic – Manual counting and listing of data volumes no longer necessary

Transparent – Insight into potential performance problem areas at any time

Evaluable – Clear tables to visualize the limit exceedences

Customizable – Configurable threshold values for the relevant limits

Optimizable – Development of further features or integrations possible (e.g. early notifications, dashboards, etc.)

Optimization of performance & stability

Early risk minimization

Increase in user acceptance & productivity

Time & cost reduction

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Ready to take your system integration to the next level?
Arrange your individual consultation appointment!

Lösch Webseite

Lösch Academy