

What's New at Locus?



Agenda

- New Faces
- Training Pathway
- Dashboard
- Health Check
- Locus Plus+

Gavin Jeter

- Business Solutions Lead
- Christchurch based
- FME Certified Professional
- FME Flow Certified
- FME Trainer Certified
- FME Business Certified



Alex Prior

- Senior Data Professional
- Auckland based
- FME Certified Professional
- GIS professional with advanced Esri skills

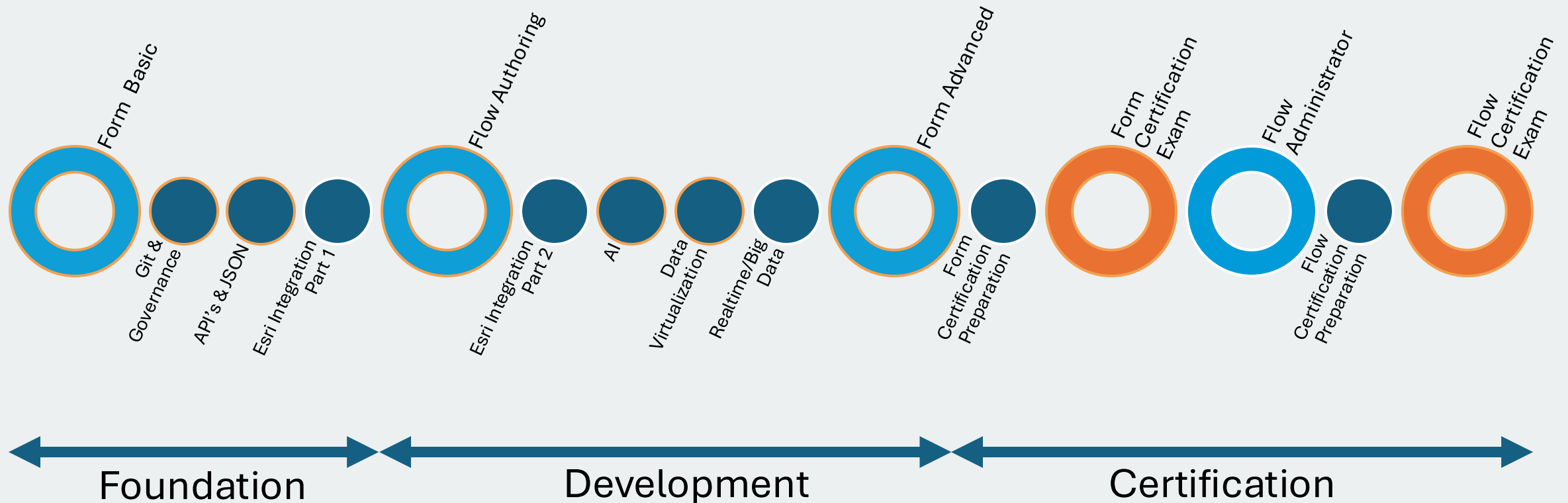


Training Update

- Training has always been a core component of Locus' offering
- We are investing in new courses and have developed the FME Training Pathway
- Combining standard two-day courses with half day short courses
- A journey to certification



Training Pathway



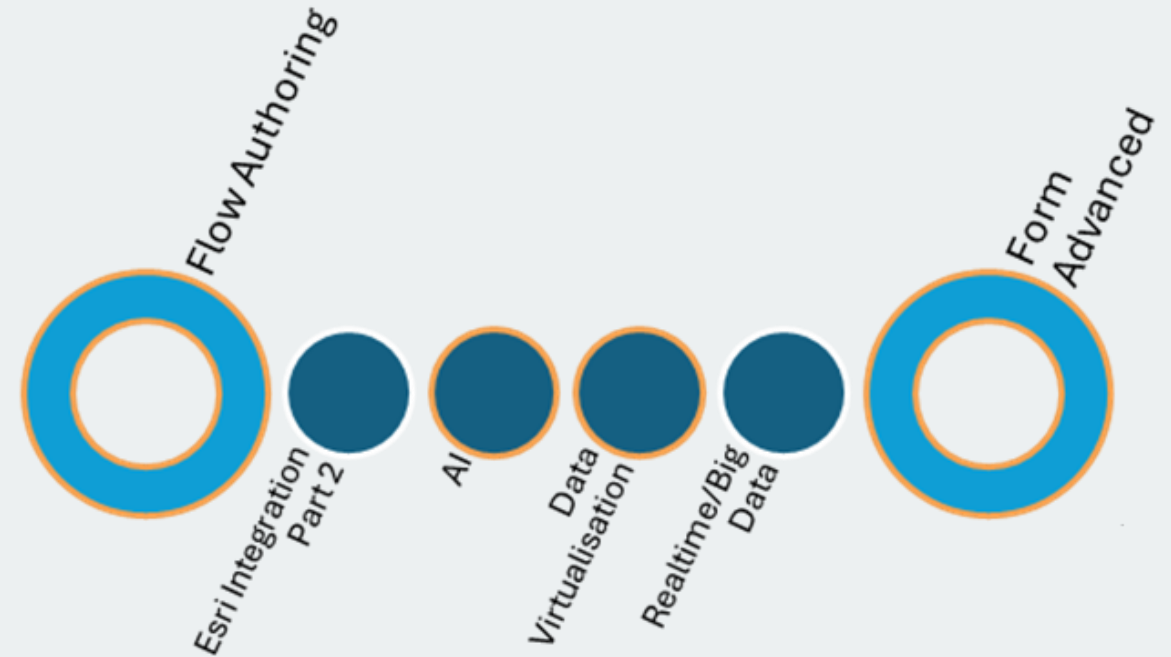
Foundation

- Form Basic – 2 Days
 - All you need to start on the FME Journey
- Git & Governance- 4 hours
 - Start the right way – combining best practice and governance including GitHub integration
- API's & JSON - 4 hours
 - API's and JSON – making the most of integration
- Esri Integration Part 1 - 4 hours
 - Making the most of the Esri platform



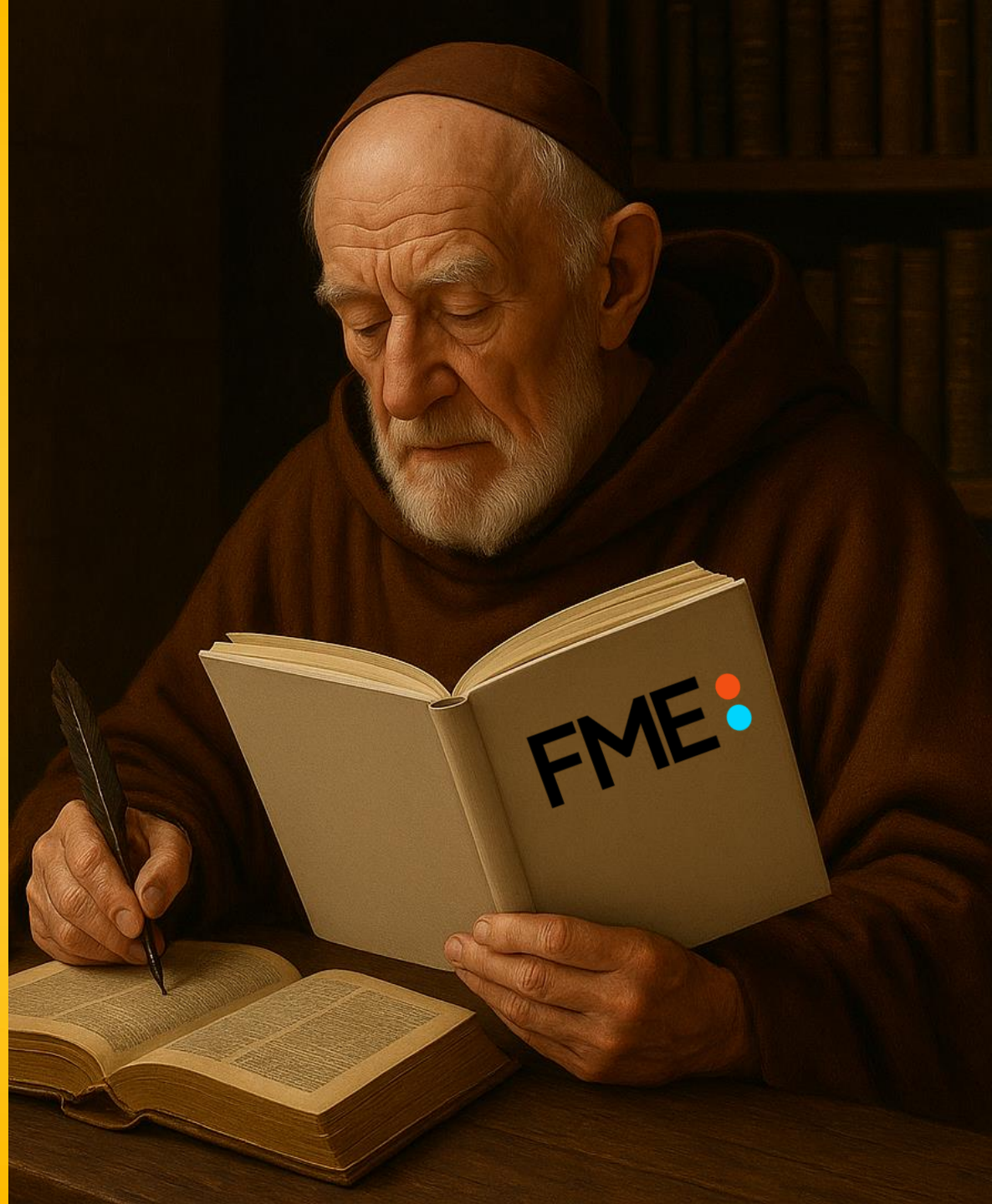
Development

- Flow Authoring – 2 Days
 - Exploring the FME Platform with Flow
- Esri Integration Part 2 - 4 hours
 - Advanced Esri integration
- AI - 4 hours
 - Exploring AI into the Platform
- Data Virtualisation - 4 hours
 - Making a virtual API from any data
- Realtime/Big Data
 - Using FME to manage Realtime/Big Data
- Form Advanced – 2 Days



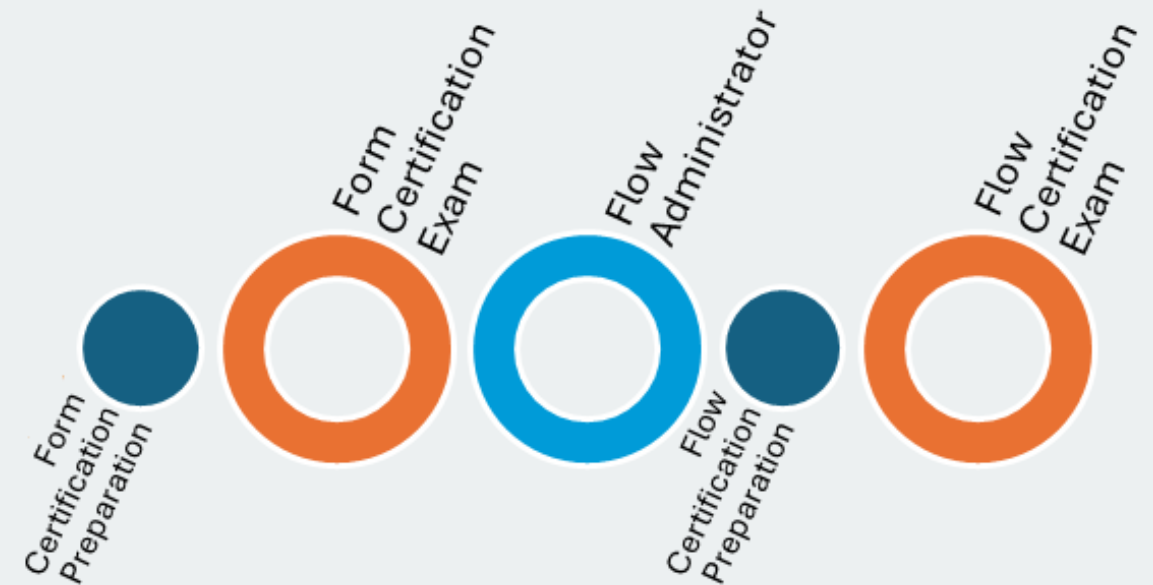


Monk-ing



Certification

- Form Advanced – 2 Days
 - Exploring the FME Platform
- Form Certification Preparation – 90 minutes
 - Exam Prep – example questions
- Form Certification Exam
- Flow Certification Preparation – 90 minutes
 - Exam Prep – example questions
- Flow Certification Exam



Upcoming Training Opportunities

NEW 4 Hour Courses (all virtual)

- APIs & JSON: 21 October (waitlist only), 13 November (waitlist only), 10 December – Open for Registration
- Git & Governance: 3 December – Open for Registration
- Data Virtualization: 20 November – Open for Registration

FME Accelerator (virtual)

- FME Accelerator: free 90 min intro to FME – invites others across your organisation to learn FME – 18 November

Health Check

- Snapshot of FME Flow Health
- Detailed report of findings
- Recommendations to improve process



Ministry for Primary Industries
Manatū Ahu Matua

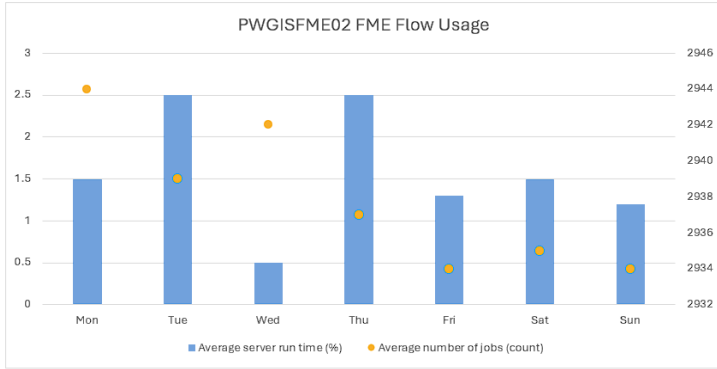


- Recommendations, actions don't have to be taken immediately but should be addressed.
- Issues are minor/moderate, or best practice isn't being followed and could result in larger issues long term.
- Issues are moderate/serious and should be addressed as quickly as possible to mitigate problems growing.
- Issues are extremely serious and should be addressed as a priority.

3.3 Engine Performance

This is a snapshot of data from 9 days of completed job history.

Based on job statistics from September 2024, PWGISFME02 operates at **1.5%** of its total capacity. On average, **2,937** jobs are processed daily across two engines, with a high volume of short-duration jobs contributing to the low overall engine utilisation.



3.2 Summary - PWGISFME02

FME Server 2019.1.3

Component	Current State	Issues Identified	Recommendations
People and Organizational Structure	Production has 11 unique users with 6 Roles. Three of which are superusers and admin.	No issues identified	No action required
FME Flow (Server)	Workspace Count: 103	FME Server version does not give number of job statistics	Assess whether workspaces that aren't used can be archived or removed
	Overall workspace runtime ranges between one second and 22 minutes.	No issues identified	No action required
	Schedules Count: 34	18 Disabled	Cleanout is recommended to remove any schedules or automations that are no longer in use.
	Automations Count: 13	7 Disabled	Note: If a workspace runs on a schedule that has a deleted workspace the schedule also needs removing or updating. (Table 3)
Custom Transformers Count: 0	N/A	N/A	N/A
Connections: 41	Some named connections	Check for any individual named connections that are being used in the production environment. Look to use consistent naming conventions.	
Job history contains 23424 completed jobs recorded, 520 failed Jobs (Table 1a). The instance runs on average 2937 jobs a day.	Some workspaces have failed repeatedly	Review environment to ensure error handling is suitably configured for job failure	



Run Workspace

Automations

Streams

Data Virtualization

Flow Apps

Schedules

Jobs

Completed

Queued

Running

Dashboards

Workspaces

Projects

Connections & Parameters

Resources

ADMIN

Analytics

User Management

System Configuration

Backup & Restore

Engine Management

FME Flow 2025.1

Build 25502 - win64

Safe Software

Dashboard_FME_Dynamic 1

FME Flow Analytics Dashboard

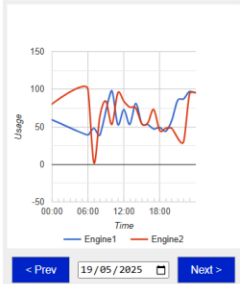
System Information [+]

Dashboard Configuration [+]

Views

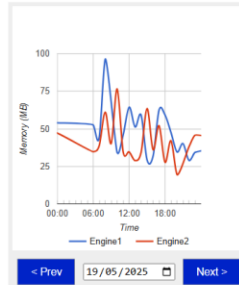
Show All Activity Performance Trends System Health Custom

Engine Usage Over 24 Hours - CPU



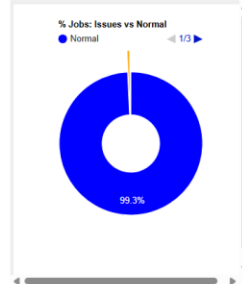
*Displays avg cpu-time usage for each engine over a 24-hour period, plotted as a time series by date.

Engine Usage Over 24 Hours - Memory



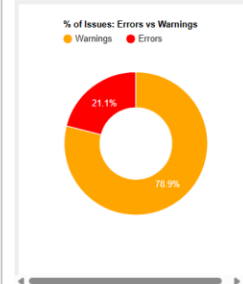
*Displays avg memory usage for each engine over a 24-hour period, plotted as a time series by date.

% of Jobs with (Warnings & Errors)



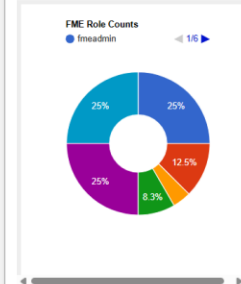
*Displays the percentage of all completed jobs in which each workspace recorded one or more warnings or errors (each workspace is counted only once per warning or error).

% of Issues: Errors vs Warnings



*Displays the breakdown of flagged jobs by issue type, showing the relative share of errors versus warnings among all job issues.

FME Role Counts by Type



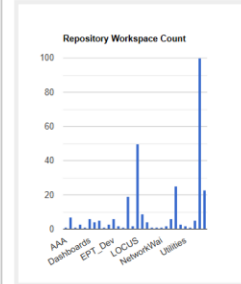
*Displays the number of users assigned to each FME role type, including admin and superuser roles.

Token Status



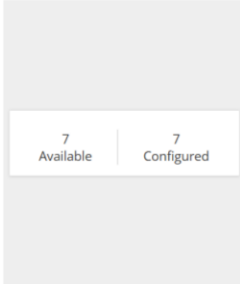
*Displays the total number of tokens, including how many are currently active and how many have expired.

Repository Workspace Counts



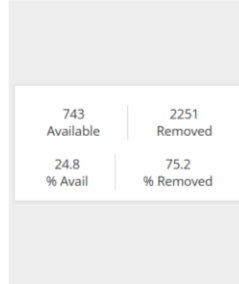
*Displays the total number of workspaces contained in each repository.

Log Availability No. Days



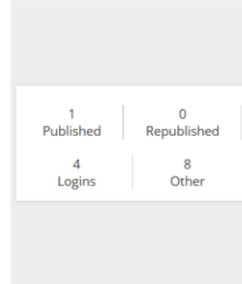
*Displays log retention (number of days available) of existing TXT log files in the Resource folder.

Log Availability Counts



*Displays log retention in FME Flow by checking for discrepancies between completed jobs reported through the API and existing TXT log files in the Resource folder.

Activities General



*Displays general activity in FME Flow, including published items, republished items, user logins, and other changes.

Daily User Logins (7 Days)



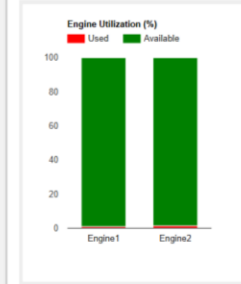
*No. of total user logons per day over a 7 day period

Daily Trend in Total User Logins



*User trend, previous day vs. current day (based on last complete 24 hour period)

Total Average Utilization by Engine



*Displays the average engine utilization, including both used and remaining capacity across all engines.)

Workspace Failure Rate By Repository



*Displays the pass/failure rate of workspaces grouped by repository. Click a repository to drill down into individual workspace failure counts.

Locus Plus+

Locus Plus+ is everything you need to succeed with FME. Technical advice and hours, support and training.

Choose from an existing plan or talk to us and we'll design something just for you.



C H ● R U S



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Thank you!

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