



Technical Tour of FME 2021



MEET LOCUS



Darren Fergus

FME Certified Professional and
Certified Trainer



Dean Howell

FME Certified Professional

Safe Software Platinum Partner &
Value Added Reseller

Australia – New Zealand



- Australia + New Zealand
- **12 Years** on the FME journey solving data challenges
- 350+ organisations' trusting us in New Zealand, Australia and worldwide
- Safe Software Partner and **Platinum** Value-Added Reseller of FME
- **6+ experts** with FME Technical Certifications
- FME Certified Professional, FME Certified Server, FME Certified Trainer
(professional certifications awarded by Safe Software)

Agenda

Dean - FME Desktop (2021)

- Performance improvements
- Data Aware – Transformer Dialogs
- NEW GUI User Parameter Builder (Big Change – Few Gotchas)
- New “TimeWindower” Transformer

Darren - FME Server 2021 – Data Streaming and Job Routing

- Investigate Data Streaming Vs Old School (Not Quite)
- Engines, Queues and Job Routing (Lets show you how it works)



Live Demo - FME Desktop 2021

FME Desktop 2021 – Summary (1)

SpatialRelator



Up to 135x faster New to 2021.1

▶ Intersector



Up to 14x faster New to 2021.1

ShortestPathFinder



Up to 30x faster

▶ Counter



Up to 6x faster New to 2021.1

ShortestPathFinder



Up to 30x faster

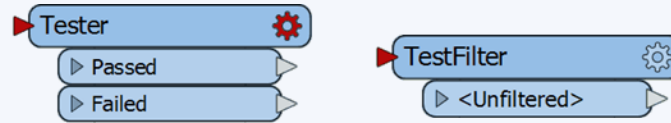
▶ Bufferer



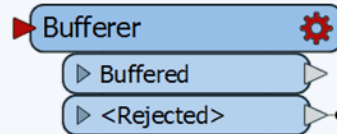
Up to 10x faster

FME Desktop 2021 – Summary (2)

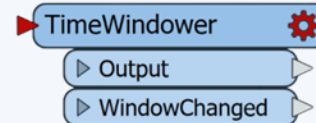
Data-Aware Transformer Dialogs



User Parameter GUI Builder



Integrate Streaming Data



FME Server 2021 – Live Technical Demo

Part 1 - Data Streams

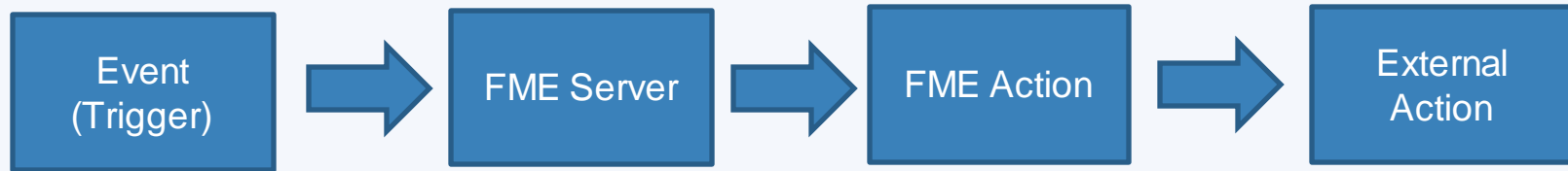
- Topics vs Automations vs Data Streaming (New Feature)
- Test Scenarios – Message Load & Performance
- Covering
 - The Pros, Cons & other Gotchas
 - Why? - Aid in Understanding WHEN and WHEN NOT to Either of the Above
- **Part 2 - New Engine Routing Options** (Engines, Queues and Job Routing)
 - Configure, Setup and Demonstrate Routing based on “Job Running Time”
 - How it Works and Where it could be useful

Data Streams (Scenario)

Event Based Messaging

- Utilities (Power Outage) – Emergency Management Flooding (Local/Regional) – Civil Defence (Earthquakes) and so on.

Transforming/Translating Data FAST?



FME will be used to act as our MSG sender, this makes it really easy to demonstrate MSG load using different methods – Topic, Webhook Automations – Data Streaming



Live Demo – FME Server 2021

Questions & Answers

Ask us anything.



Darren Fergus
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Locus



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THANK YOU
www.locusglobal.com

