Swirrl Data Publishing Platform
System architecture / functional responsibilities

Grafter
Data cleaning
Standardisation
Linking
Format translation
Validation

Pipeline runner API

Grafter Server
Authenticated

Not authenticated

Spreadsheets
Databases
GIS
Live feeds
Other data sources

PublishMyData/admin
Data management
Vocabulary management
Pipeline management
File management
User management
Authentication

PublishMyData
Data discovery
Data browsing
Search interface
API access to data
Documentation

Graph store
Data storage
Query execution

Drafter
Scenario assembly
Query rewriting
Versioning & history

Elastic Search
Indexing
Search execution

Analytics
Logging
Reporting

Visualisations
Reports
Maps
Dashboards

S3
File storage
Asset storage
Content delivery

Apps

- - - - data flow **into** platform
——— data flow **out of** platform