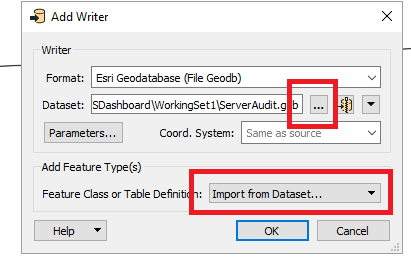
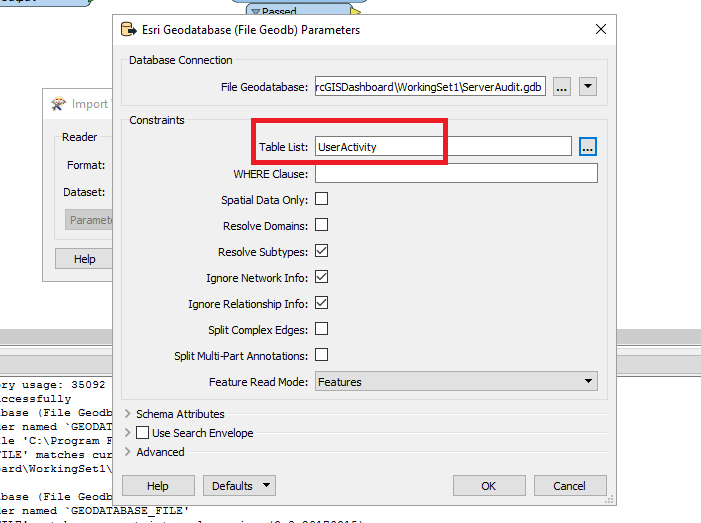
**Set Writer in Append mode**



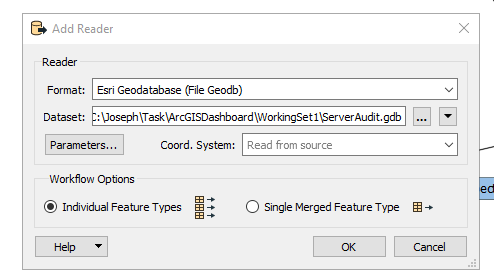
**Select a table in Writer FeatureClass**

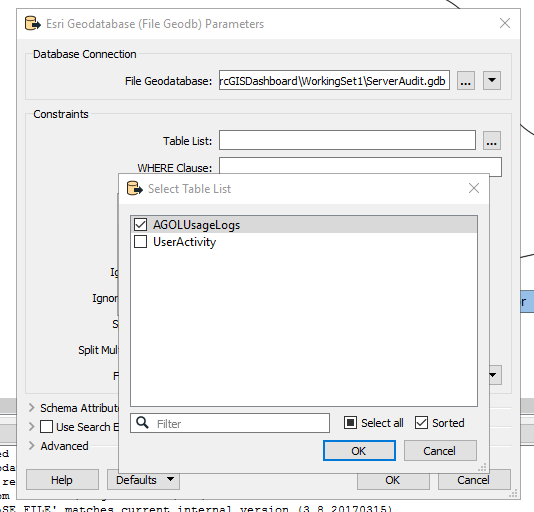


Click “OK” to prompt for table list



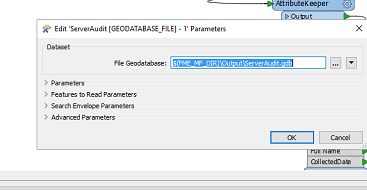
**Select a table in Reader FeatureClass**



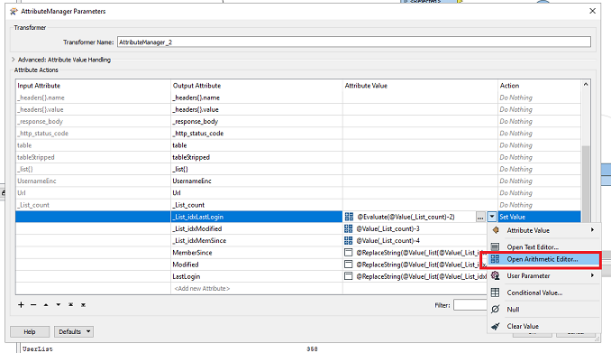


**Setting current directory path**

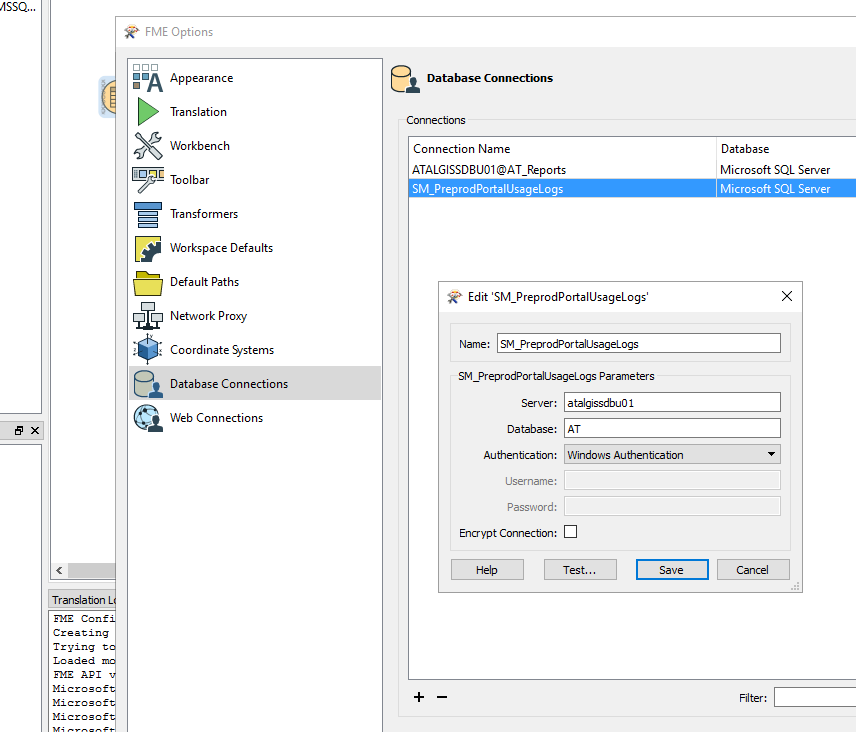
Eg : $(FME\_MF\_DIR)\Output\ServerAudit.gdb

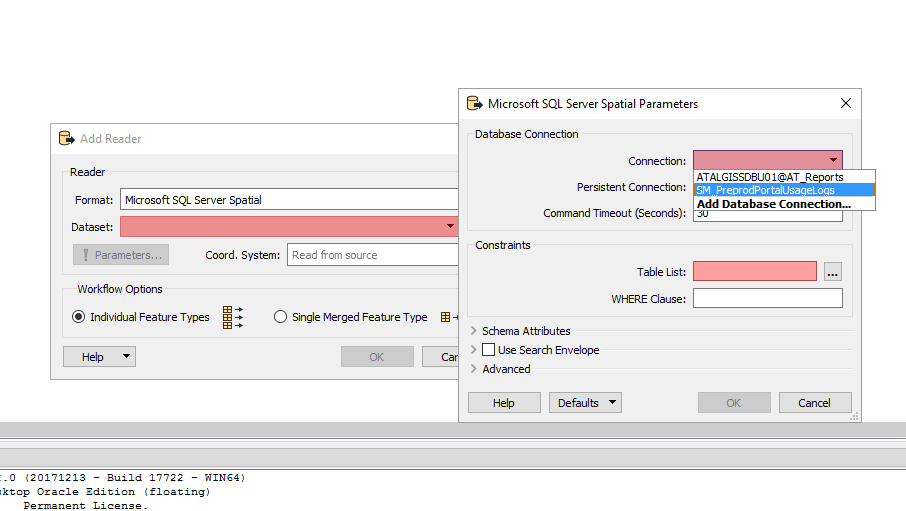


**Arithmatic evaluation**



**Adding NonSDE Connections**

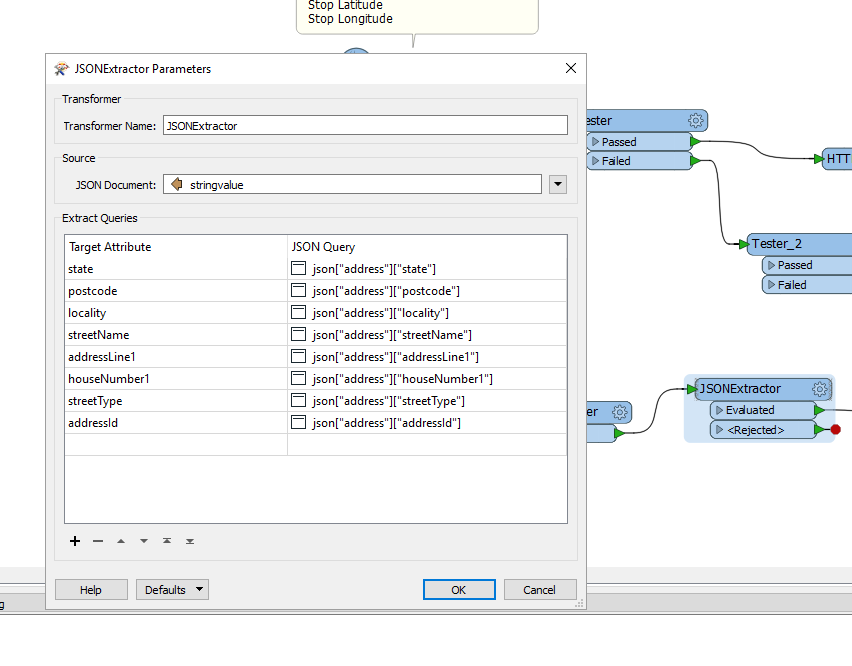




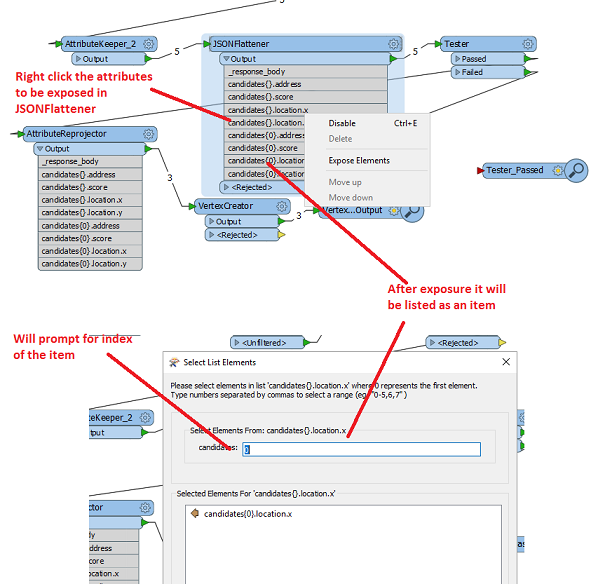
**Extract values in JSON**

Read individual components in

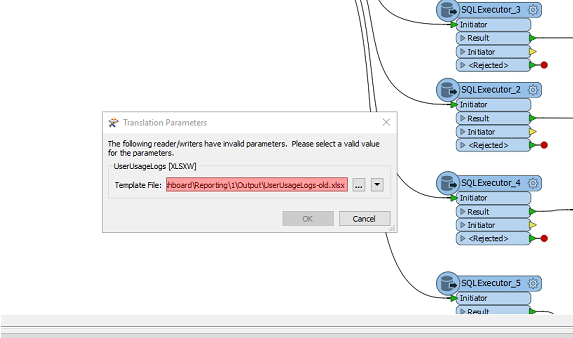
{"address":{"state":"WAIHEKE ISLAND", "postcode":"1081", "locality":"ONEROA", "streetName":"TUI", "streetType":"STREET","addressId":"14615516", "houseNumber1":"1","addressLine1":"1 Tui Street"},"location":{"x":175.010630000,"y":-36.783716000}}



**JSON flattener expose an attribute**



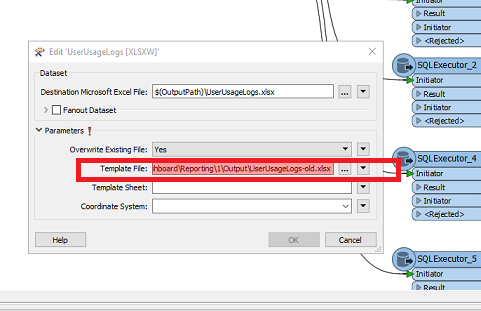
**Avoid asking template file**



Soln:

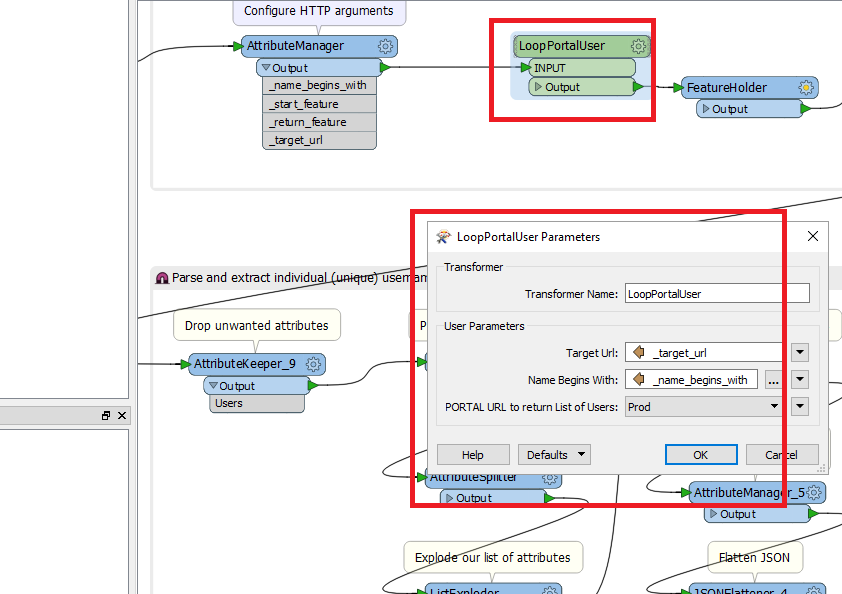
Right click – “Edit <xyz> parameters”

Remove “template file”

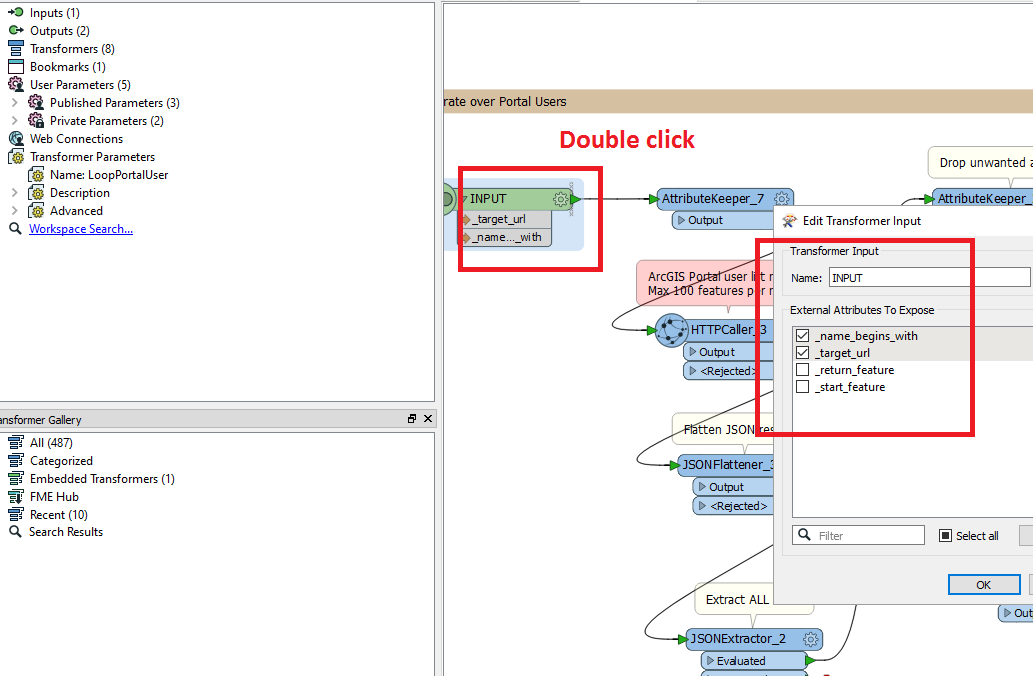


**Change parameters to a custom transformer**

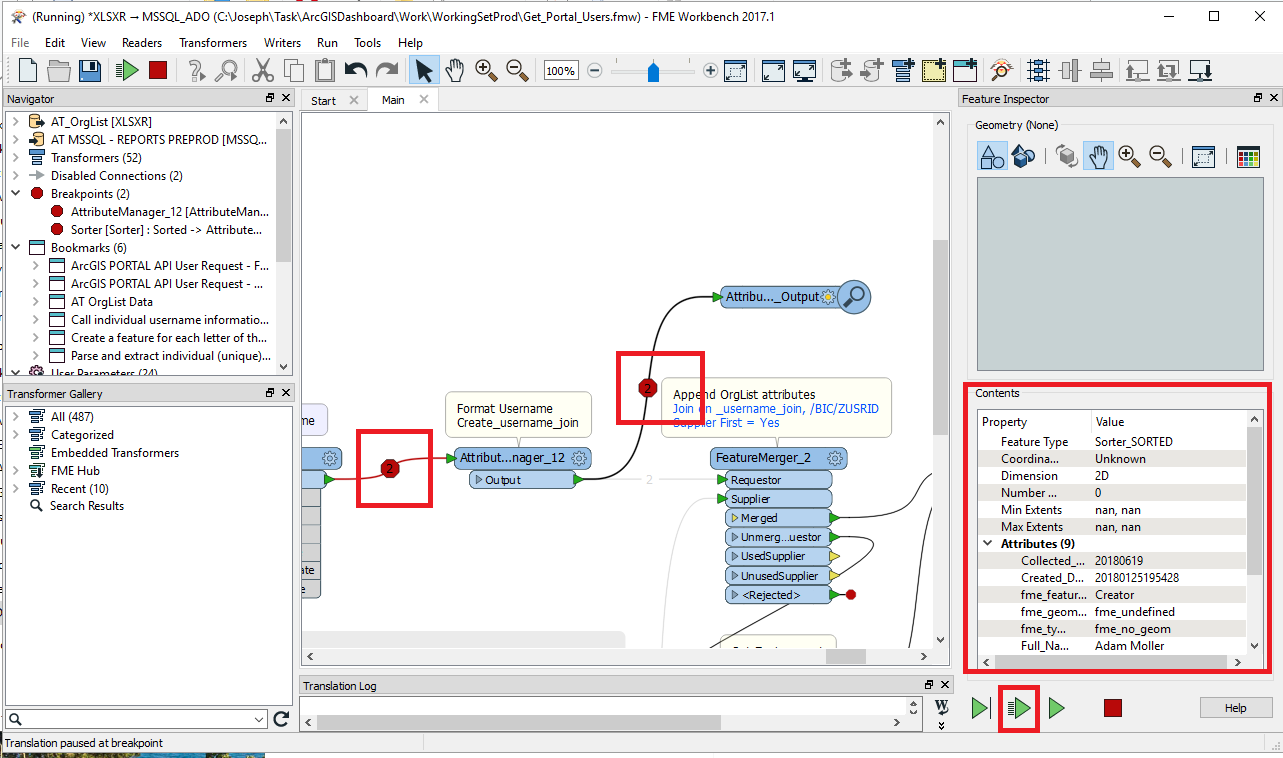
In Caller



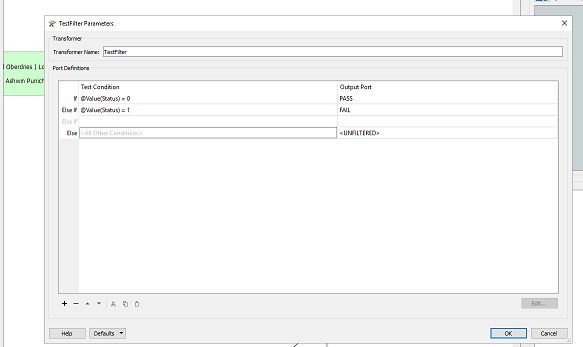
Inside custom transformer



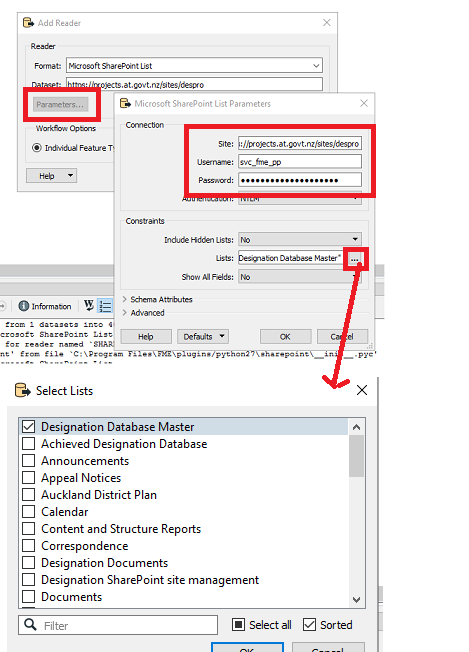
**Debug / view parameters**



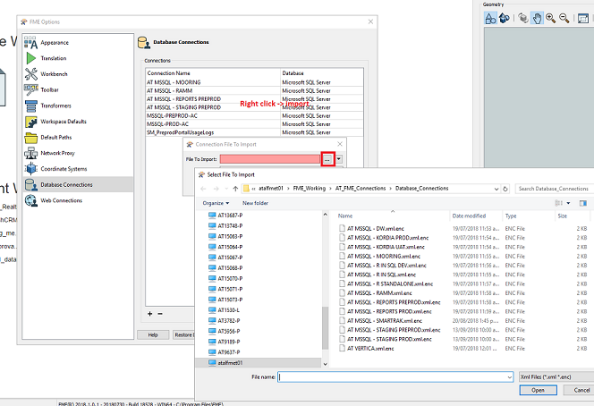
**Case statement**



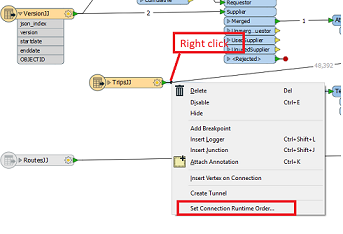
**Link Sharepoint OnPrem**

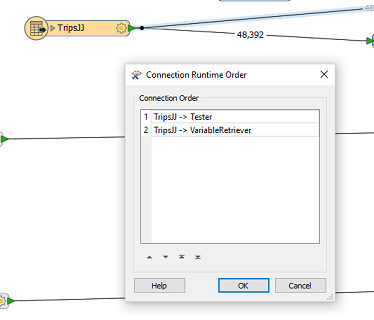


**Import connection into FME**

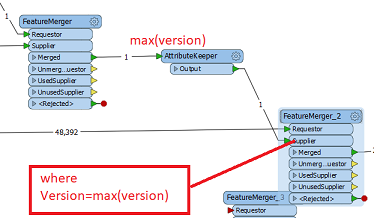


**Set priority of execution**





**Feature merger**



**Built in Functions**

|  |  |
| --- | --- |
| $(FME\_MF\_DIR) | Current directory |
| @DateTimeFormat(@DateTimeNow(), %Y-%m-%d %H:%M) | Current in format “yyyy-mm-dd HH:MM” |
|  |  |
|  |  |

**Aggregator**

**Map**

Creates an aggregate

An aggregate is a collection of geometries of any type that is treated as a single unit. Aggregates may or may not be homogenous and/or hierarchical.

A hierarchical geometry is a collection of geometries that may, in turn, contain other collections (aggregates or [multis](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/!FME_Geometry/Multis.htm)) to an arbitrary depth. A typical case of a hierarchical geometry is an aggregate that contains aggregates. This nested behavior allows for the representation of hierarchical relationships between geometries.

**Attribute**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs |  |  |  | Output |  |  |
|  |  |  |  |  |  |  |
| SrlNo | Index |  |  | SrlNo | Index |  |
| 1 | 1 |  |  | 1 | 1,2,3 |  |
| 1 | 2 |  |  | 2 | 1,2 |  |
| 1 | 3 |  |  |  |  |  |
| 2 | 1 |  |  |  |  |  |
| 2 | 2 |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Spatial operators

| **Transformer** | **Can Merge Attributes** | **Alters Geometry** | **Counts Related Features** | **Creates List** | **Supported Types\*** | **Recommended For** |
| --- | --- | --- | --- | --- | --- | --- |
| [SpatialFilter](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/spatialfilter.htm) | Yes | No | No | No | * Point * Text * Curve * Area | * Testing for the existence of spatial relationships between two sets of features, and routing them according to whether they pass or fail the test(s). |
| [SpatialRelator](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/spatialrelator.htm) | Yes | No | Yes | Yes | * Point * Text * Curve * Area | * Identifying the nature of spatial relationships between two sets of features. |
| [AreaOnAreaOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/areaonareaoverlayer.htm) | Yes | Yes | Yes | Yes | * Area | * Finding polygon overlaps and extracting them into new geometry. |
| [LineOnAreaOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/lineonareaoverlayer.htm) | Yes | Yes | Yes | Yes | * Curve and Area | * Finding intersections between lines and polygons, and splitting the lines where they intersect with the polygons. |
| [LineOnLineOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/lineonlineoverlayer.htm) | Yes | Yes | Yes | Yes | * Curve | * Finding intersections between line features, splitting them, and generating new line geometry as well as points representing the intersections. |
| [PointOnAreaOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/pointonareaoverlayer.htm) | Yes | No | Yes | Yes | * Point and Area * Text and Area | * Identifying points that fall within polygons, and merging attributes between them |
| [PointOnLineOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/pointonlineoverlayer.htm) | Yes | Yes | Yes | Yes | * Point and Curve * Text and Curve | * Identifying where points fall on lines, and splitting the lines into new geometry. |
| [PointOnPointOverlayer](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/pointonpointoverlayer.htm) | Yes | No | Yes | Yes | * Point * Text | * Identifying points in the same location (within a tolerance), and merging attributes between them. |
| [Intersector](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/intersector.htm) | Yes | Yes | Yes | Yes | * Point * Text * Curve * Area | * Finding intersections between all input features, regardless of geometry (optionally including self-intersections), splitting features, and creating new geometry. |
| [Clipper](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/clipper.htm) | Yes | Yes | No | No | * Point * Text * Curve * Area * Solids * Raster * Point Cloud | * Comparing features against a set of Clipper features, and splitting the features at or along the Clipper boundaries. Outputs both new and untouched geometry, identified as either Inside or Outside the Clipper. |
| [NeighborFinder](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/neighborfinder.htm) | Yes | In some cases | No | Yes | * Point * Text * Curve * Area | * Identifying the nearest other feature(s) to each feature being considered, either in another set of features or within the same feature set. |
| [TopologyBuilder](http://docs.safe.com/fme/2019.1/html/FME_Desktop_Documentation/FME_Transformers/Transformers/topologybuilder.htm) | Yes | Yes | No | Yes | * Point * Text * Curve * Area | * Analyzing spatial relationships between features to compute topology, splitting features and creating new geometry representing topologically significant nodes, edges, and faces, with associated attributes. |

**NZ Clip**

