

Launching Workflow

Specification



model
definition



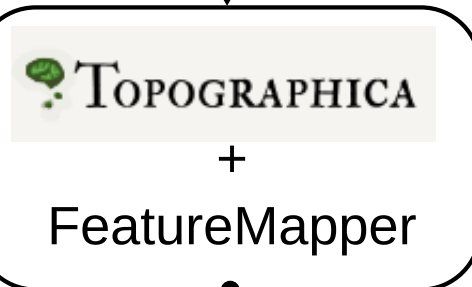
parameter
space



IPython
Launcher
Notebook session



Launch parameter
space exploration



Model and Analysis
Packages



HoloViews



.log

Output Files

Exploration/Analysis Workflow

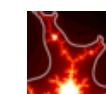
Data

IPython
Collation
Notebook session

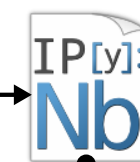
Metric based
Analysis

Detailed
Analyses

Refine model
definition and
parameter space
with optimal
values



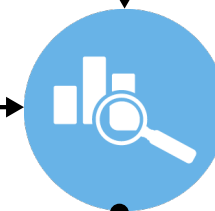
HoloViews



.log



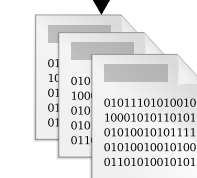
Visualize the parameter
space using a number
of metrics, e.g. map
quality, spatial tuning
etc.



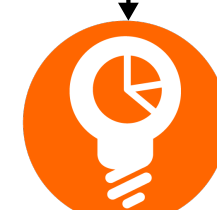
Explore the full set of
analyses in the reduced
parameter space.



model
definition



parameter
space



Insight