

User modeling code

User inference and learning code

Models

Custom
proposals

Trace
transformations

Address
selections

Invokes

Defines TensorFlow
updates using

Generative function DSL

Bijection DSL

Selection DSL

TensorFlow function DSL

TensorFlow
code

Interpreted by

Inference and learning API

Generative function
interpretation

Reverse-mode
AD

Trace data
structure

Invokes

Julia runtime

TensorFlow runtime

