

Dynamic

Static

**Execution
model**

by

then

<https://github.com/stsievert/talks>

	Dynamic	Static
Execution model	by	then

**...which
means**

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...which means		

Example

Graph choices

	Dynamic	Static
Execution model	Define by running	Define then run
...which means	Functions run when expected	Functions run once for graph creation
Example	PyTorch	Tensorflow

What **impact** does graph choice have?

- Control flow (e.g., `tf.while_loop`, `tf.cond`)
- Debugging
- Library integration
- Deployment