



BMI Live!

Mark Piper

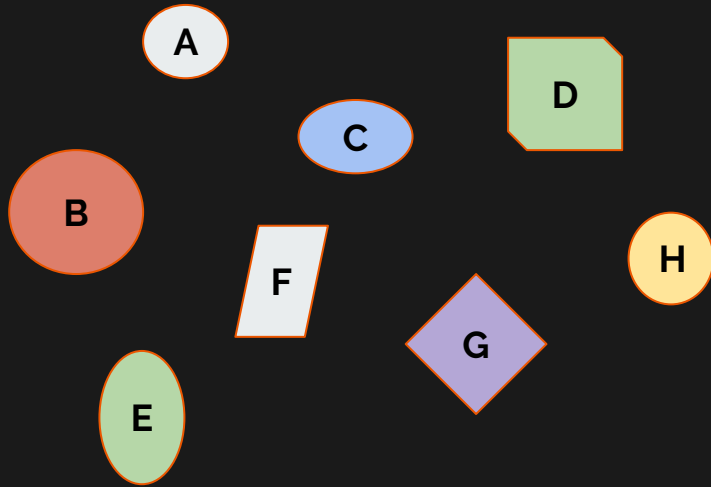
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The CSDMS modeling philosophy



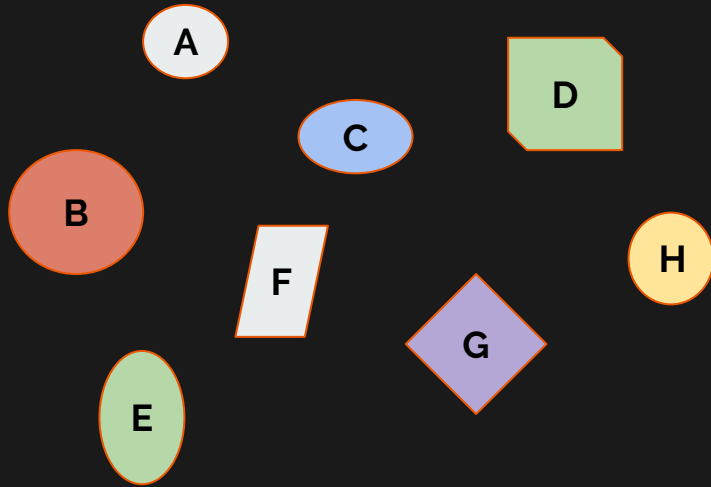
Step 1: Write models

Step 2: ???

Step 3: Science!



The CSDMS modeling philosophy



Step 1: Write models

Step 2: CSDMS Modeling Framework

Step 3: Science!

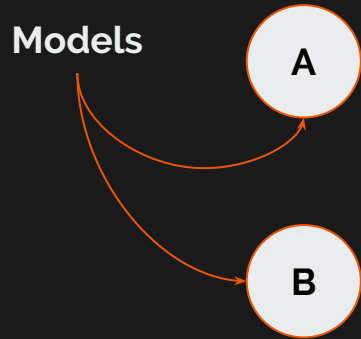
Problem:

**How can we standardize
access to models?**

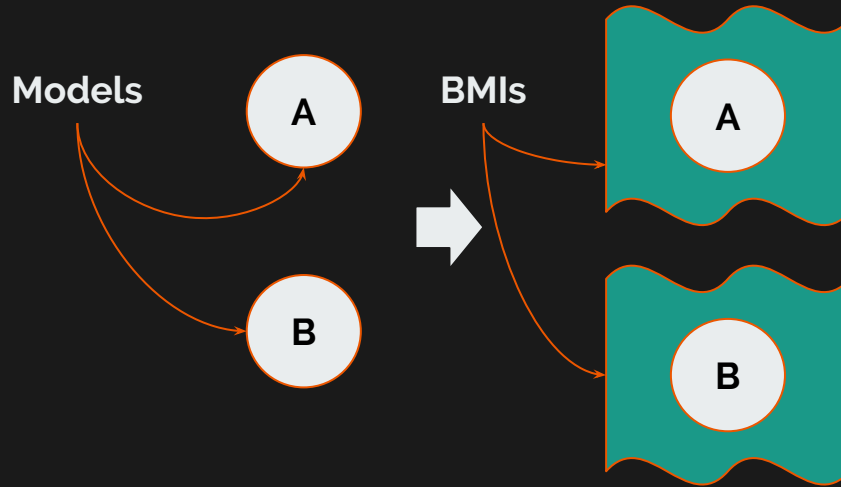
Basic Model Interface (BMI)



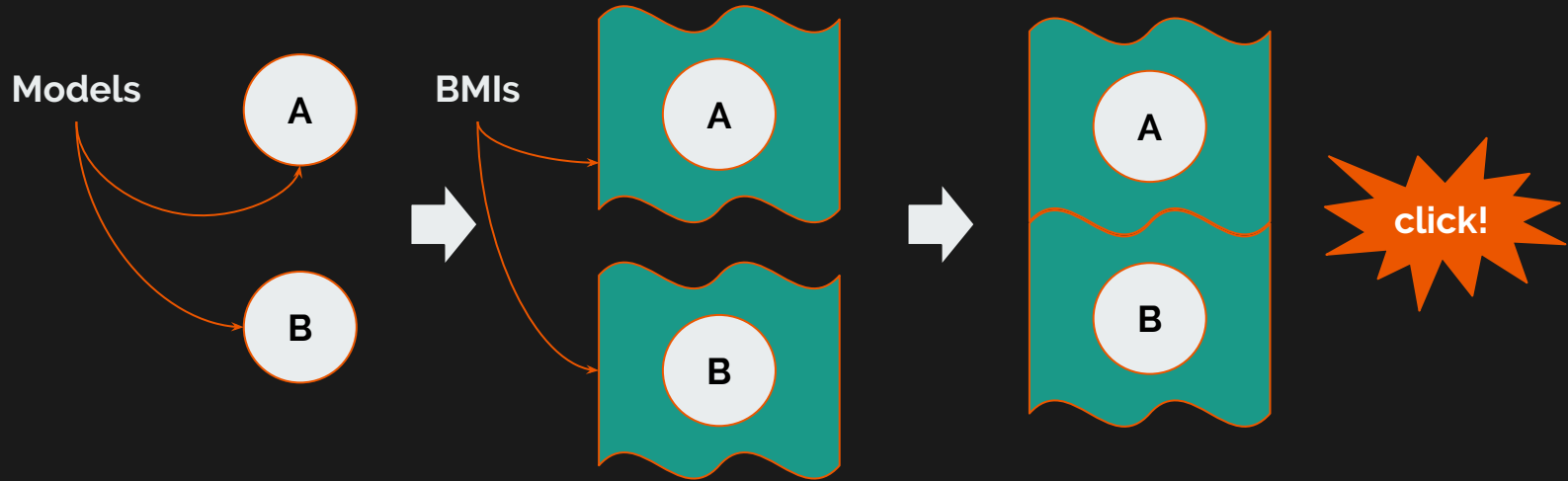
Basic Model Interface (BMI)



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BMI documentation

<https://bmi.readthedocs.io>



Todo

- Coupling with data
- Modeling in a geospatial context
- Better documentation and examples