



# BMI Live!

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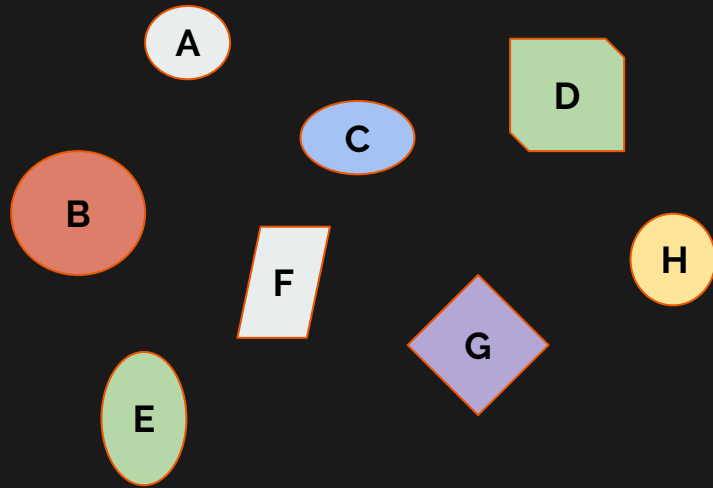
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# The CSDMS modeling philosophy



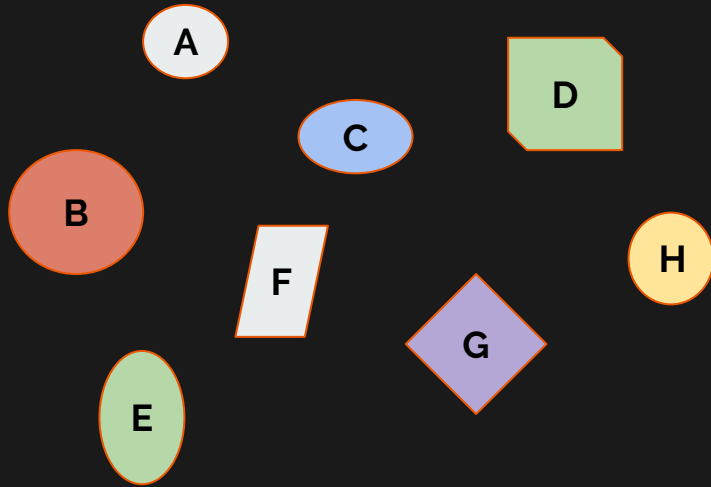
Step 1: Write models

Step 2: ???

Step 3: Science!



# The CSDMS modeling philosophy



Step 1: Write models

Step 2: CSDMS Modeling Framework

Step 3: Science!

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**Problem:**

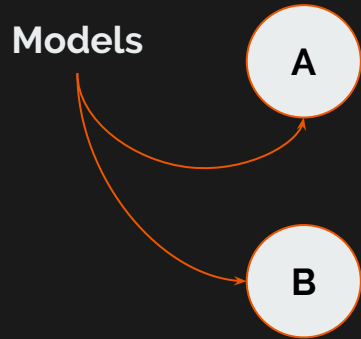
**How can we standardize  
access to models?**

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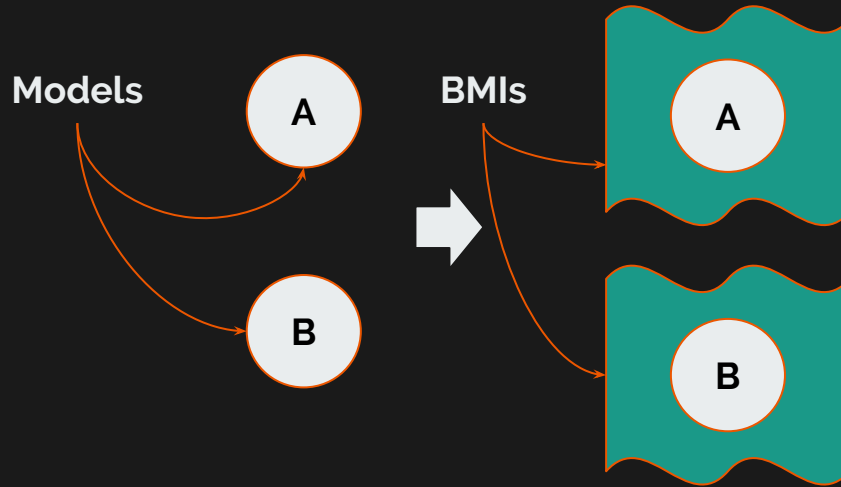
# Basic Model Interface (BMI)



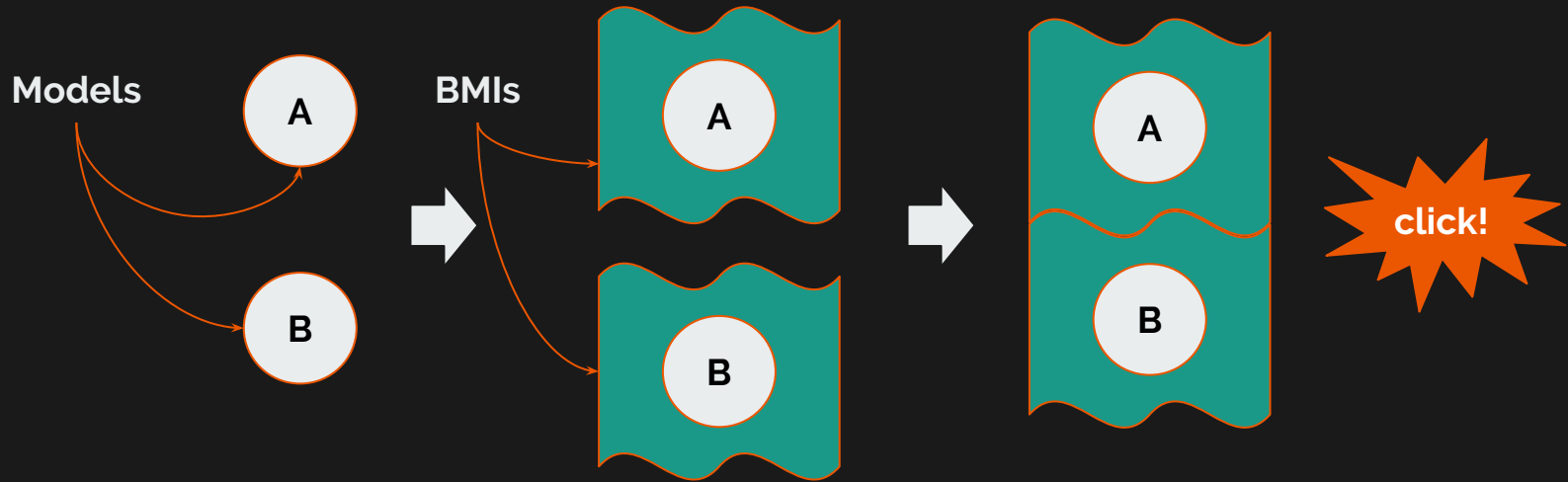
# Basic Model Interface (BMI)



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# Basic Model Interface (BMI)







## **BMI documentation**

[https://csdms.colorado.edu/wiki/BMI\\_Description](https://csdms.colorado.edu/wiki/BMI_Description)



# Todo

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

Thank you!