Common Infrastructure To Improve User Experience

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NGDC EXTRACT SYSTEM (NEXT)

GOAL: BUILD A CENTRAL SYSTEM THAT ENABLES NGDC’S USE CASES

- Receive data requests
- Divide and delegate request to appropriate subsystems
- Collect and package results
- Deliver results to the user
- Easily extensible for new data
- Programmatic interface so that multiple front-facing services can utilize it

National Geophysical Data Center (NGDC) Users:

“I want all the data from... [this area, this time period, this data type].”

NGDC EXTRACT SYSTEM (NEXT)

DECOUPLED USER INTERFACE

Angular JS / jQuery
Twitter Bootstrap
DataTables
Common Look / Format
REST API
User Testing

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