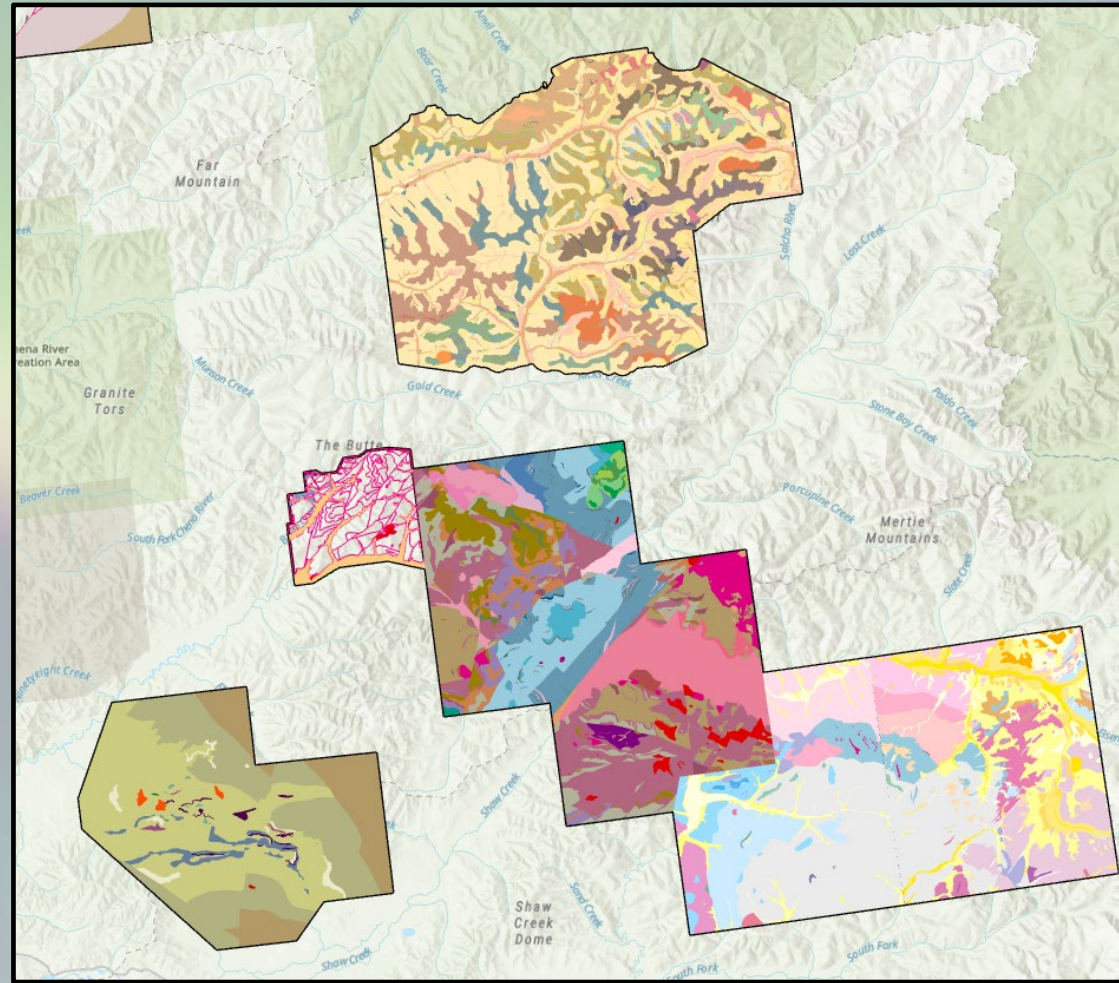




# Multimap Geologic Enterprise Geodatabase Efforts



*Mike Hendricks, Pedro Rivera*

6/5/2023

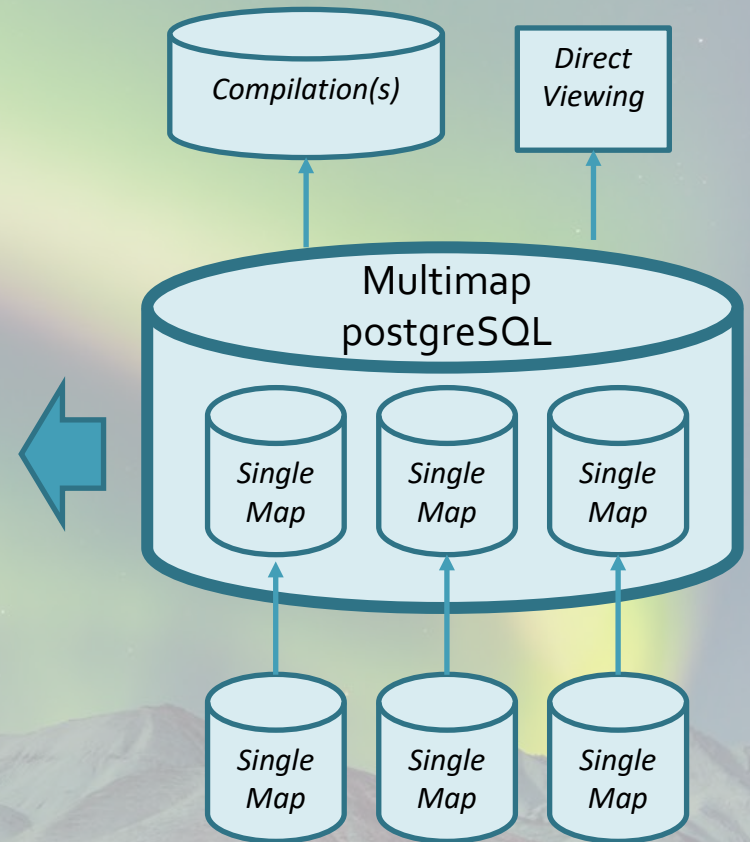
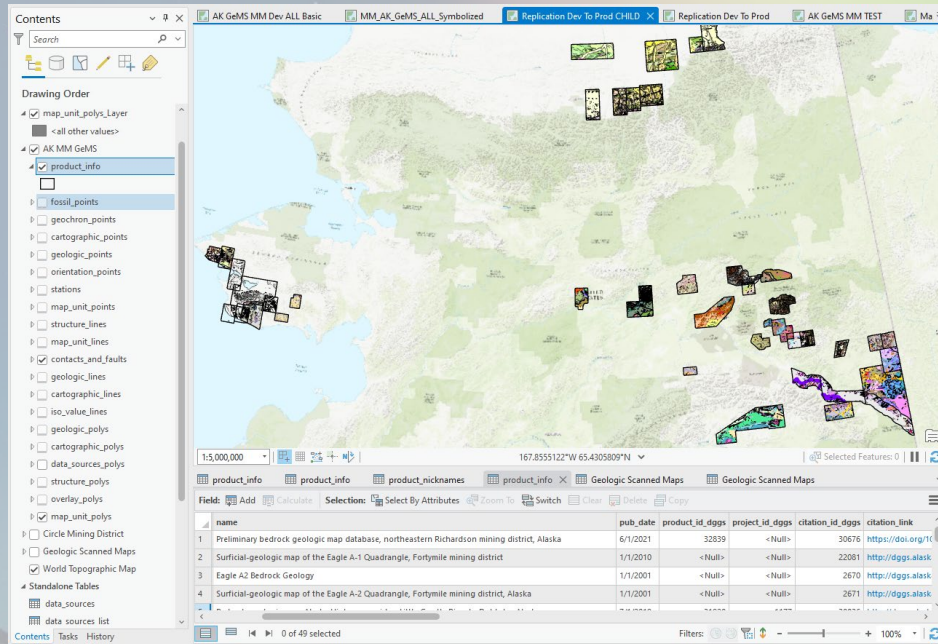
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# The Alaska GeMS Multimap database is:

A repository of individual AK GeMS single map databases stored in a single optimized PostgreSQL geodatabase.



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## *How is it different than Single Map*

- Hosted on PostGreSQL
- String based domains are converted to integer-based domains
- True GUID Fields for IDs
- Single Projection (Alaska Albers Equal Area, NAD83)
- Relationship Classes built
- Supporting tables Created and Maintained
  - Tables to support many-to-many data sources
  - Product Statistics Table
  - Cartographic labels

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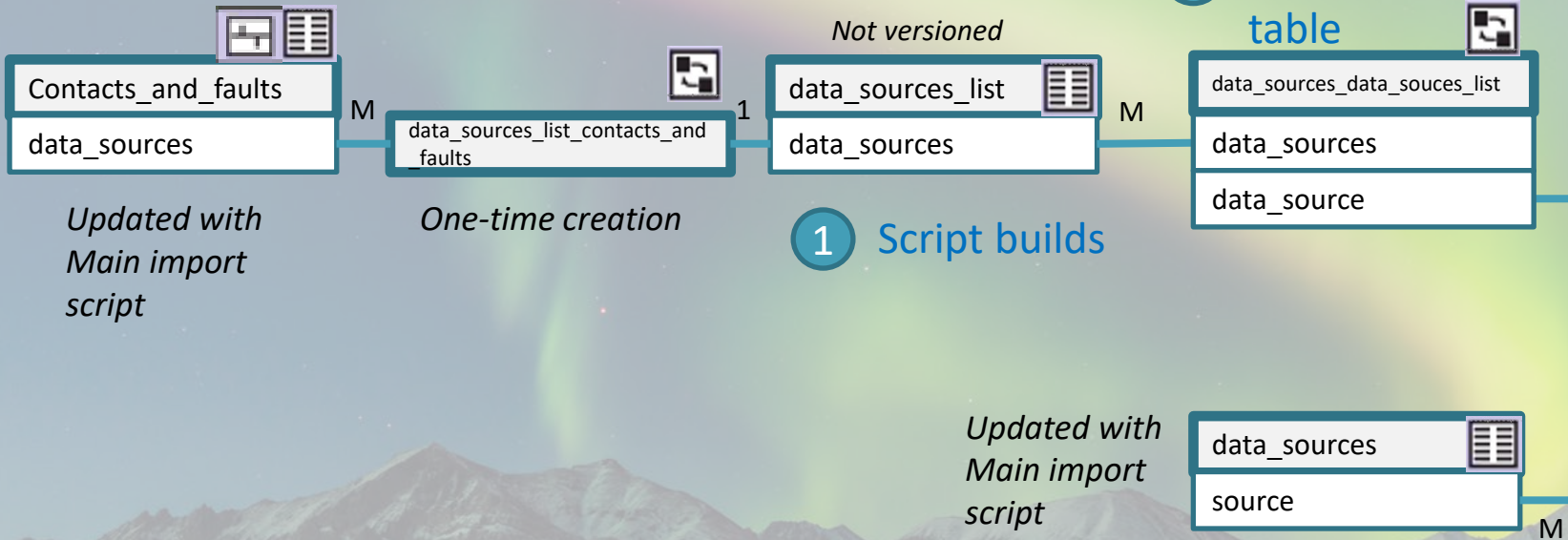


*Alaska*



# Supporting Data Sources Many-to-Many relationships

We used the USGS logic for data sources many to many

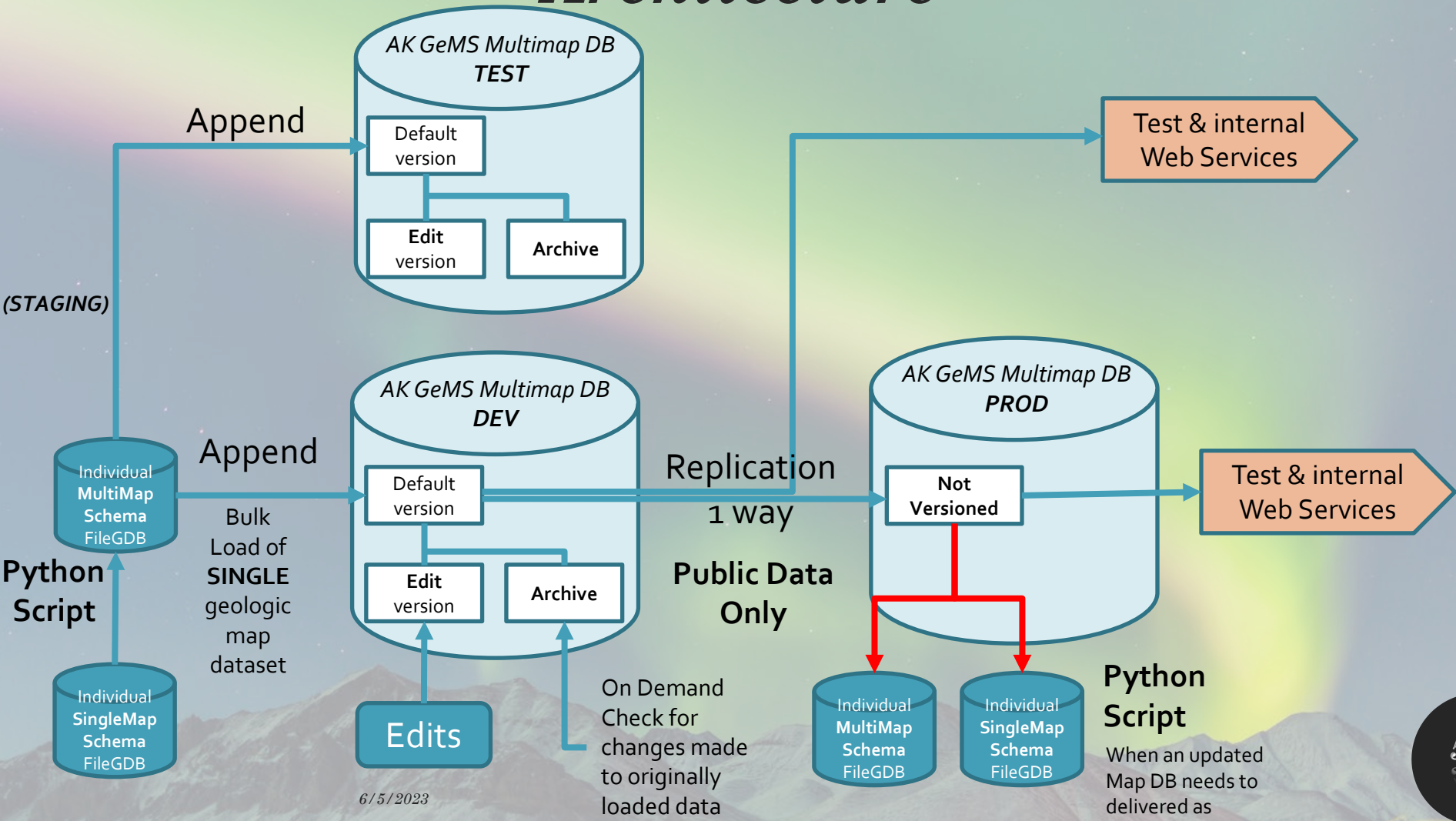


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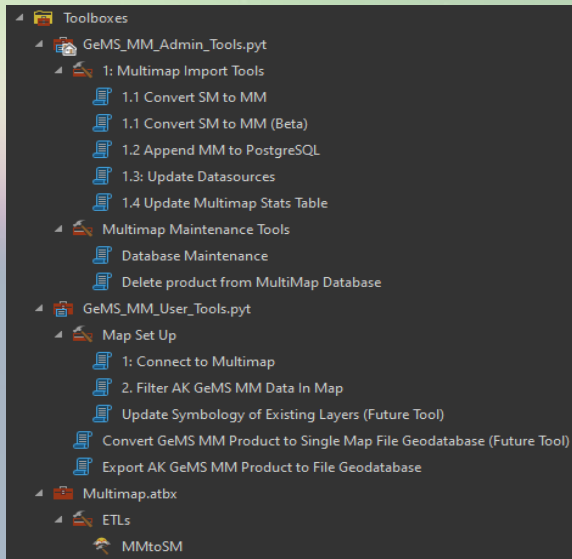


# Alaska DGGS Multimap GeMS DB Architecture



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# Multimap Toolboxes and Notebook

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# *Questions?*

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