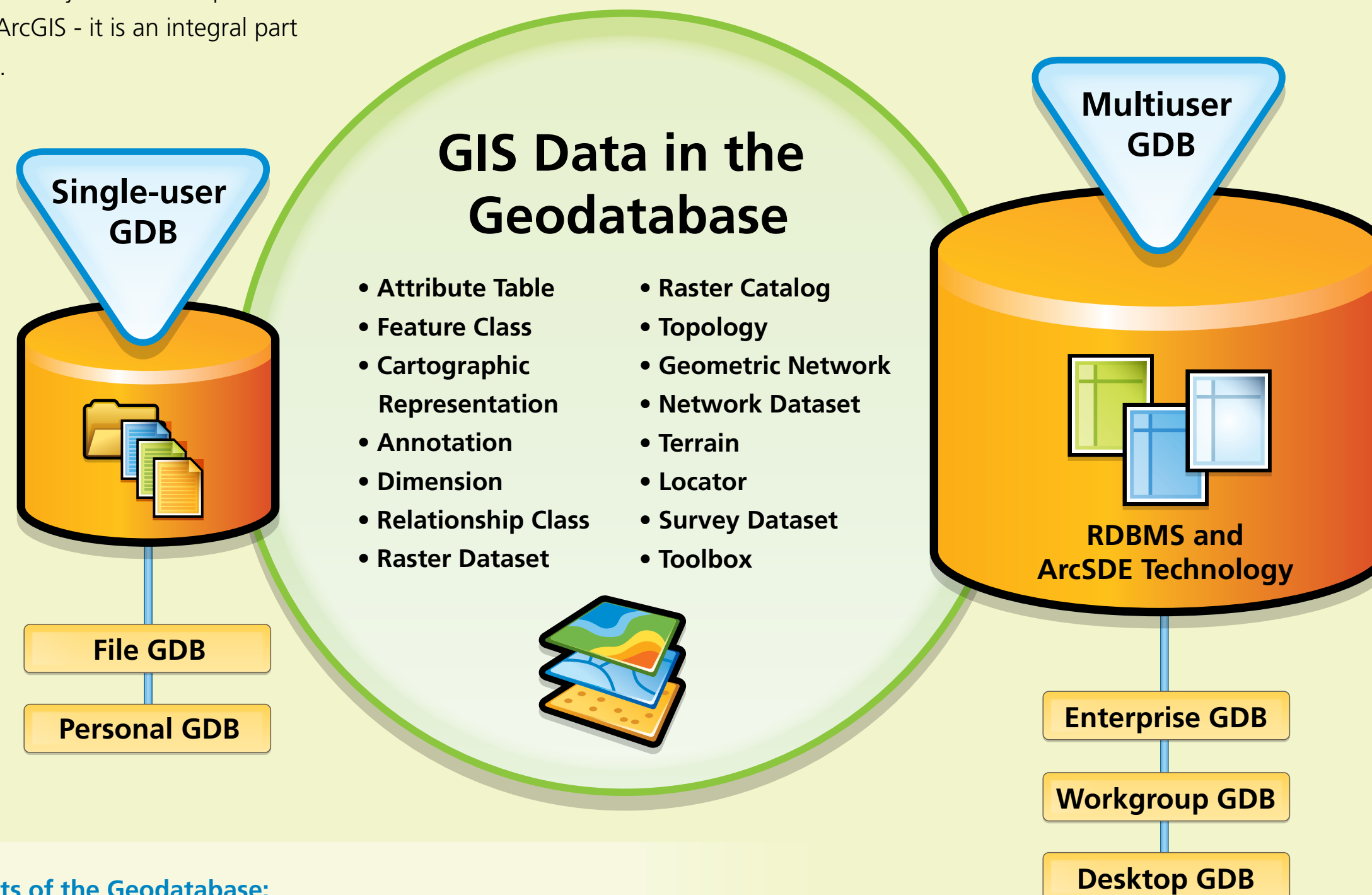


The Geodatabase Offers A Comprehensive Approach to Modeling and Managing Spatial Data

With the geodatabase, all of an individual user's or organization's GIS data can be stored in a uniform format, in one central location, for easy access and management. The geodatabase (GDB) is designed to make full use of the capabilities of ArcGIS Desktop and ArcGIS Server. It is not just another spatial data format that can be used by ArcGIS - it is an integral part of the ArcGIS system.

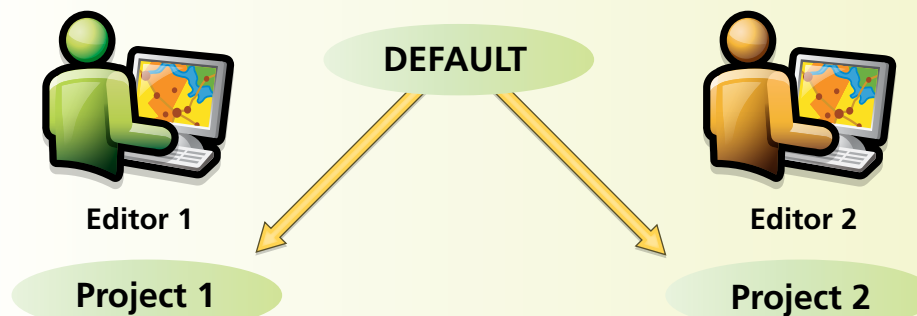


Key Benefits of the Geodatabase:

- Store a rich collection of data types in a centralized location.
- Apply sophisticated rules and relationships to the data.
- Define advanced geospatial relational models (e.g., topologies, terrains, networks).
- Maintain integrity of spatial data.
- Work within a multi-user access and editing environment.
- Integrate spatial data with other IT databases.
- Easily scale your storage solution.
- Support custom features and behavior.

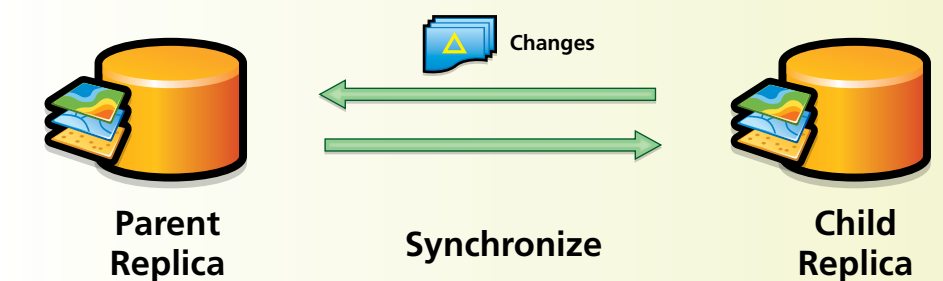
Functionality

Versioning



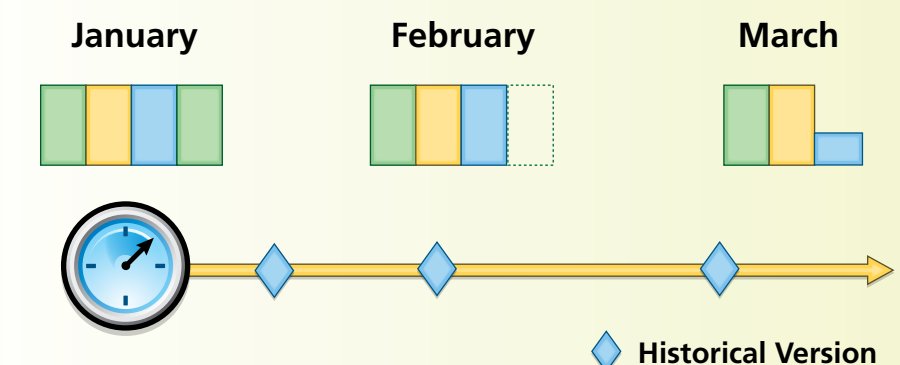
Versioning is the framework that enables multiple users to access and edit the same data simultaneously and provides long transaction (i.e., database changes that span long periods of time) support.

Geodatabase Replication



Enables GIS data to be shared across two or more geodatabases. Data changes can be made in each geodatabase, then synchronized. Two-way, one-way, and checkout/check-in replication workflows are supported.

Geodatabase Archiving



When enabled on a dataset, archiving captures any and all changes made to the dataset in the DEFAULT version of the multiuser geodatabase.

