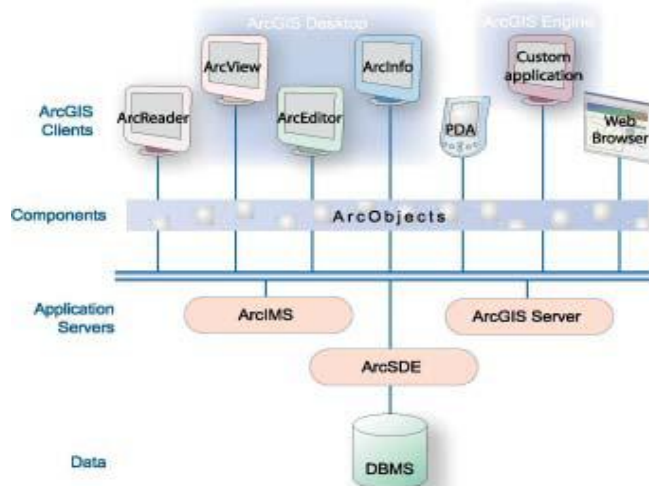


ArcGIS 9 Components

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ArcGIS 9 System



ArcGIS Desktop

- ArcReader
 - Publishes electronic maps
 - Allows the viewing, navigation and printing of maps
- ArcView
 - For creating, managing, displaying, and analyzing geographic data
- ArcEditor
 - All the functionality of ArcView plus advanced editing tools
- ArcInfo
 - Highest level desktop GIS
 - adds advanced spatial analysis, extensive data manipulation, and high-end cartography tools

ArcGIS Engine

- Allows the modification of existing mapping applications or the building of new custom ones
- Utilizes APIs
 - COM
 - .Net
 - Java
 - C++
- Advanced editing and analyses
 - Create/edit geographic features
 - Perform overlays and calculations
 - Perform network analysis

ArcIMS

- Facilitates web publishing of dynamic maps
- Provides highly scalable framework to accommodate high volume
- Data integration capabilities
- Improves data transfer and sharing

ArcServer

- Facilitates the sharing of mapping services and applications across the web
- Supports multiple users
- Includes advanced GIS functionality
- Supports the management of large spatial datasets in an RDBMS

ArcSDE

- Core component of ArcGIS Server
- Manages spatial data in a RDBMS
- Facilitates the multi-user geodatabase

ArcObjects

- A library of software components with multiple developer APIs
- Forms the core of all ArcGIS products: Desktop, Engine and Server
- Programmers can interface with ArcObjects to build new applications
 - Customize user interface
 - Write software tools and functions
 - Create specialty applications

Questions

- 1) What are the 4 key components of the ArcGIS 9 system?
- 2) What are the 4 levels or editions of ArcGIS Desktop
- 3) What are ArcObjects?
- 4) What is the function of ArcIMS?

References

- ArcGIS Server Developer and Administrator Guide. Chapter 1: Introducing ArcGIS Server
- <http://www.esri.com/software/arcgis>