ArcMap Tips and Tricks
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Agenda

• Demo 1
  - Map navigation shortcuts
  - Working with map layers

• Demo 2
  - Repairing layer data sources
  - Using Maplex for labeling
  - Managing bookmarks and scales

• Demo 3
  - Map layouts and map books

• Demo 4
  - An overview of ArcMap windows
Demo 1

- **Map navigation shortcuts**
  - Use the mouse wheel
  - Magnifier window
  - Reference scale

- **Working with map layers**
  - Customizing symbology
  - Using transparency to make beautiful maps
  - Controlling the scale of map displays
• Repairing layer data sources
  - Fixing a single layer
  - Fixing multiple layers at the same time
• Using Maplex for labeling
  - Placing labels
  - Label expressions
  - SQL queries
• Managing bookmarks and scales
  - Bookmarks remember where you’ve been
  - Controlling the map scale
Demo 3

Map books

- Automatically laying out your pages
- Using page numbers and page names
- Tracking the current page on an overview map
Demo 4

An overview of ArcMap windows

- Results window
- Python window
- Image analysis window
Thank you...


- Please fill out the session survey:

  First Offering ID:  1692 (Wed 10:15 AM)
  Second Offering ID:  1363 (Thurs 8:30 AM)

  Online – www.esri.com/ucsessionsurveys
  Paper – pick up and put in drop box
Working with Data Sources
ArcMap Layers

• A layer points to data on disk
  - Defines the name, appearance, and other properties of the data
  - Will not draw in ArcMap if path to data changes
Summary: Relative paths in ArcMap

- Layer source data stored relative to the MXD
  
  - Instead of absolute path: C:\Data\Base.gdb\Streets
  
  Relative path: ..\..\Data\Base.gdb\Streets

  - Cannot span disk drives
Using MAPLEX for Labeling
Label with Maplex

- Labeling Toolbar
- Label Maplex Engine
- Label manager
Managing Bookmarks and Scales
Working with Scales

ArcMap Tips and Tricks
Working Bookmarks
An Overview of ArcMap Windows
Customize Window
Configurable Desktop

No Code
Configurable Desktop

The image shows the Customize dialog box in ArcGIS with the Toolbars tab selected. The Toolbars tab lists various toolbars such as 3D Analyst, 3D Analyst Tools, 3D View, Adjustment, Advanced Edit Tools, Analysis Tools, Animation, ArcGIS Online, ArcScan, ArcToolbox, Attribute transfer, Bookmarks, CAD, Cartography Tools, and others. The Commands tab displays a list of commands related to 3D Analyst, including 3D Analyst Layer List, Add Features to TIN, Adjust Node Z Tool, Area and Volume, Connect TIN Nodes Tool, Contour Tool, Create TIN From Feature, Delete TIN Breakline Tool, and others.
Geoprocessing

• Quick access to the Tools you need
  - Customizable Menu
  - Search

• Python is the way automate your work

• More efficient processing
  - Up to 15x faster
  - Background execution
Search Window
New in Search at 10.2

- Local Search
  - Title
  - Search
- Apply Filters
  - Shapefile 11
- Add to Map
- Search returned 37 items
- Search returned 11 items

- Search
  - Local Search
  - Hillshade
  - Hillshade.jpg
  - Raster Data
  - Image
Python Window

```python
>>> import arcpy
>>> GeographyMatters = True
>>> if GeographyMatters:
...   print "Study Geography"
...
Study Geography
```

"Python is part of ArcGIS"
Image Analysis Window
Image Analysis Window

- Quick Access and Display
- Search and Discovery
- Mensuration (Height measurement)
- Temporal Query
- Image Analysis Window
  - Enhancement
  - Interpretation
  - On-The-Fly Processing
- Image Classification Tools
- Authoring for Serving
Sharing
ArcGIS Simplifies Sharing Your Work

- Maps, Data, Tools, and Models . . .

- . . . Automating the Process of Creating Services
Sharing as a Package

• Professional to Professional

ArcGIS for Desktop
Map and Layer Packages

ArcGIS Online

Sharing Tradecraft
Tile, Geoprocessing & Locator Packages

ArcMap Tips and Tricks
Sharing as Services

Professional to Everyone

- Make it easier to share GIS resources
  - Unified sharing experience
  - Comprehensive Analysis
  - Sharing to servers in the cloud and to ArcGIS Online
Bonus:

What if you don’t have a Server?
My Portal (Cloud)

Sharing services on ArcGIS Online
ArcGIS Online – Hosted Mapping

• Unlock the skills and information of Desktop users
  • Ready to use
  • No server installation or administration
  • Access from any where
Bonus:
AddIn for ArcGIS Desktop
AddIn For ArcGIS Desktop: Find / Download

Presentation AddIn for ArcGIS Desktop

ArcGIS Resource Center

Presentation AddIn for ArcGIS Desktop

By richie

(4 ratings)

Description

This AddIn for ArcGIS 10 allows you to create and deliver presentations directly inside of ArcMap. This AddIn is similar to the presentation capability recently added to ArcGIS Explorer.
AddIn For ArcGIS Desktop: Install it

Installation succeeded.
AddIn For ArcGIS Desktop: Use it