ArcMap Tips and Tricks

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Jorge’s Agenda

• Working with Data Sources
• Using Maplex for labeling
• Managing Bookmarks and Scales
• An overview of ArcMap Windows

This session is geared to the beginner ArcGIS Desktop user
Working with Data Sources

JRV
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

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Label with Maplex

- Labeling Toolbar
- Label Manager
- Label manager dialog box
Managing Bookmarks and Scales

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Working with Scales

About map scales

Only display these scales when zooming

Hint: Choose the format used to display scales.
You can always enter scales in any format.
Working Bookmarks
An Overview of ArcMap Windows
Customize Window
Configurable Desktop

No Code
Configurable Desktop
Geoprocessing Window

JRV
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
Python Window

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Python Window

```python
>>> import arcpy
>>> GeographyMatters = True
>>> if GeographyMatters:
...     print "Study Geography"
... Study Geography
```
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
New Tab For Image Analysis Window
ArcGIS Simplifies Sharing Your Work

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

. . . Automating the Process of Creating Services
Sharing Analysis

Analysis

Share as…

Package

GIS Professionals

Service

Everyone
Sharing as a Package

- Professional to Professional

ArcGIS Online

ArcGIS for Desktop

Sharing Tradecraft

Map and Layer Packages

Tile, Geoprocessing & Locator Packages
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?

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My Portal (Cloud)

Sharing services on ArcGIS Online

ArcGIS Online

Cloud/Web GIS
ArcGIS Online – Hosted Mapping

- Unlock the skills and information of Desktop users
  - Ready to use
- No server installation or administration
- Access from anywhere
Bonus:
AddIn for ArcGIS Desktop

JRV
AddIn For ArcGIS Desktop: Find / Download

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

![AddIn Installation Utility](image)

**Please confirm Add-In file installation.**

Active content, such as Macros and Add In files, can contain viruses or other security hazards. Do not install this content unless you trust the source of this file.

**Presentation AddIn for ArcGIS Desktop**

**Name:**

**Version:**

**Author:**

**Description:**

**Digital Signature:**

**Signed By:**

**Signed date:**

- Source is trusted
- Signature is valid

**OK**
AddIn For ArcGIS Desktop: Use it
Steps to evaluate UC sessions

• My UC Homepage > “Evaluate Sessions”

• Choose session from planner
  OR

• Search for session

www.esri.com/ucsurveysessions
• Thank you for attending
• Have fun at UC2013
• Open for Questions

• Please fill out the evaluation:

  www.esri.com/ucsessionssurveys

  First Offering ID: 655

  Second Offering ID: 11202