Getting Started with ArcGIS 10.1

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Esri Software News

What is new in ArcGIS 10.1

Questions
ArcGIS 10 (Desktop, Engine, and Server) News

- ArcGIS 10 Service Pack 5       07/2012
- ArcGIS 10.1 Service Pack 1 10/15/2012
Web Mapping API and Viewer News

- ArcGIS API for JavaScript 3.1 6/2012
- ArcGIS API for Flex 3.1 10/2012
  - ArcGIS Viewer for Flex 3.1 10/2012
  - Application Builder
- ArcGIS API for Silverlight 3.1 11/2012
  - ArcGIS Viewer for Silverlight 2.1 7/2013
  - Application Builder
- ArcGIS API for WPF
- ArcGIS for SharePoint 2.1.1
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Questions
The Internet is the common denominator

- Websites
- Viewers
- Desktops
- Smartphones & tablets
- Other mobile devices
ArcGIS is advancing rapidly

- Introducing many new capabilities
- Improving quality, performance, and usability
ArcGIS 10.1 Themes

- Online
- Desktop
- Server
- Mobile
- Developer
- Solutions
ArcGIS Online is evolving rapidly

- Becoming a complete online geospatial platform

User Content
- Applications
- Web Services
- Standards

Mobile
- Images
- Any Device

Basemaps
- Catalog and Group-Based Sharing
- Viewers and Web Maps
- Q3, 2011

Mapping
- Catalog
- Geocoding
- 2009

Analysis
- Hosting
- Open Data
- 2010

Open Data and Application Mapping
- Hosting and Portals for Organizations
- Q3, 2011

Integration with 10.1
- Q4, 2011

Online and On Premise
- Q2, 2012
A New Pattern Is Emerging

• An Intuitive Platform For Sharing, Discovery, Access and Use

• Creating An Online Collaboration Framework
Sharing your work

• Demonstration

Your maps, a browser or smartphone, and their ideas
ArcGIS Product Names

- Simplified for 10.1

**ArcGIS for Desktop**
- Basic
- Standard
- Advanced

**ArcGIS for Server**
- Basic
- Standard
- Advanced
- ArcGIS Server for (Windows)
- ArcGIS Server for (Linux)

**ArcGIS for Windows Mobile**

**ArcGIS SDK for Windows Mobile**
Desktop GIS

- Creating, Managing and Applying Geographic Knowledge
10.1 ArcGIS for Desktop

- Improves All Aspects of GIS on the Desktop

Mapping & Visualization

Spatial Analysis

Editing

Geodesic buffers

\[ V_1 = f(V_2) + f(V_3) + f(V_4) \]
ArcGIS simplifies sharing your work

• Maps, data, tools, and models

• Automating the process of creating services
Productivity Enhancements

• Demonstration

Your maps, a browser or smartphone, and their ideas
Server GIS

- Foundation for Geospatial Infrastructure
ArcGIS server is improving

- Enhancing the architecture and adding capabilities
  - Improved performance
  - Easy install/admin
  - Simple service creation
  - Native 64-bit
  - Strong Linux
  - Highly scalable

- Providing a more open and productive platform
Installing ArcGIS Server

- Demonstration

Your maps, a browser or smartphone, and their ideas
ArcGIS supports all popular mobile devices

- Ruggedized devices, smartphones, and tablets

- Connecting with field-workers and citizens
- Supporting you anytime you are not at your desk
Deploying Mobile Solutions

• Demonstration

Your maps, a browser or smartphone, and their ideas
ArcGIS Empowers Developers

• Supporting Multiple Platforms and APIs

• Geospatially Enabling Applications
ArcGIS Can Now Be Embedded Anywhere

- New Lightweight Runtime Platform
- Easy to Deploy
- Fast
- Small Footprint
- Windows/Linux
- 64-bit native (& 32)
- WPF/Java/Qt
- Provides Rich Geospatial Functionality

10.1
ArcGIS for . . .

• New Initiative - Solutions and Communities of Users

Water Utilities
- Public Safety
- Elections
- Planning and Development
- Land records
- Public Works
- Military — Maritime Operations
- Military — Land Operations

Emergency Management
- National Government
- Local Government
- State Government
- Petroleum

Demographics
- Gas Utility
- Housing
- Intelligence

Health
- DOT
- National Guard
- Ocean Use Planning

Non-Profit and NGOs
- Telco
- Facilities
- Military City
Deploying Applications

• Demonstration
What’s Next?

• Many Development Initiatives

Your Input Is Driving Our Work

Users
• Post
• Discuss
• Vote

Ideas

64-Bit Desktop
Quality
3D Analysis
Fast Draw
Linux

Topology
Statistics
Standards
3D Visualization
Web Content
JavaScript

Mobile
Parallel Component
Geometric Networks
GPU
Clouds

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Questions