Tips and Tricks for Getting Started with ArcGIS Solutions

Howard Crothers

What is in an ArcGIS Solution?

- A ready to use map or app
- Is part of ArcGIS
- Provides industry specific
  - Geospatial workflows
  - Best practices

ArcGIS Solutions characteristics

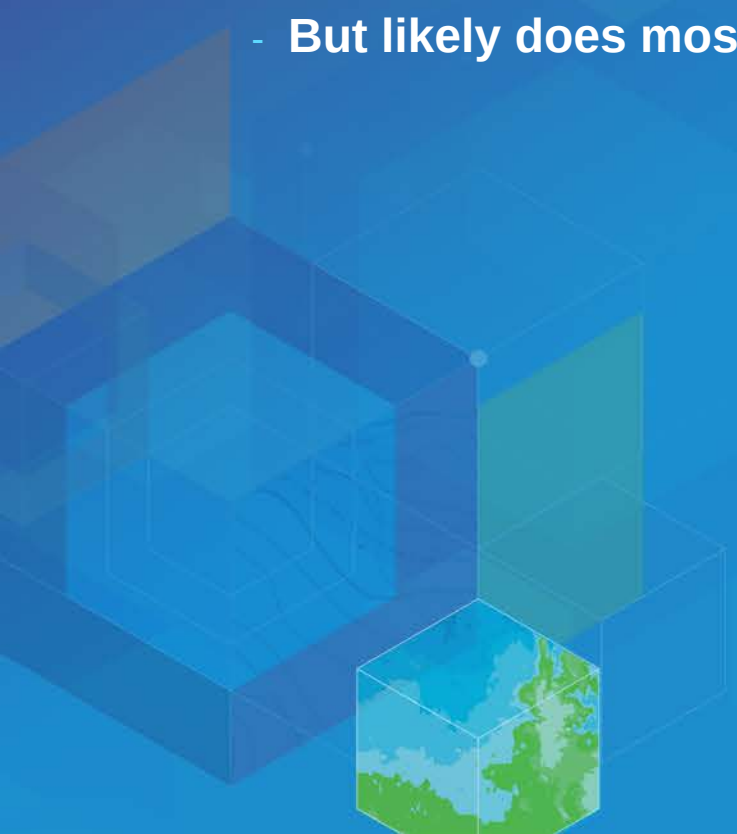
- Free
- Fully supported
- Continually updated and enhanced
- Well documented
- Open source
- Driven by a user community

ArcGIS Includes 350+ Ready-to-Use Solutions

Organized by 9 Primary Domains

Have the Proper Expectations about ArcGIS Solutions

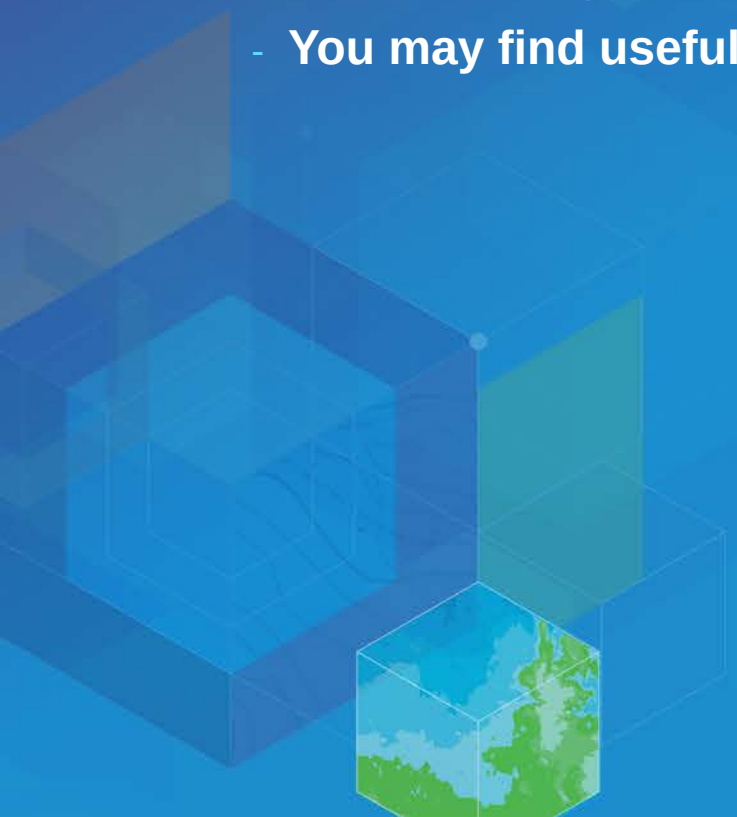
- **A Solution**
  - **probably won’t do everything your organization needs**
  - **Might not have the exact workflow your organization wants**
  - **But likely does most of the geospatial functionality you require for a workflow**



...Doing most of what you want for free is very valuable

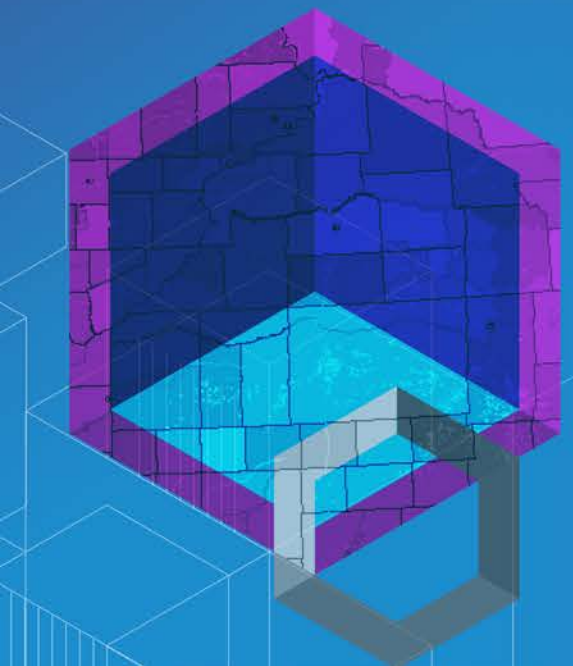
How Do You Find Solutions?

- Go to solutions.arcgis.com
- Explore by domain
- Then use the gallery to keyword search
  - You may find useful Solutions outside of your domain



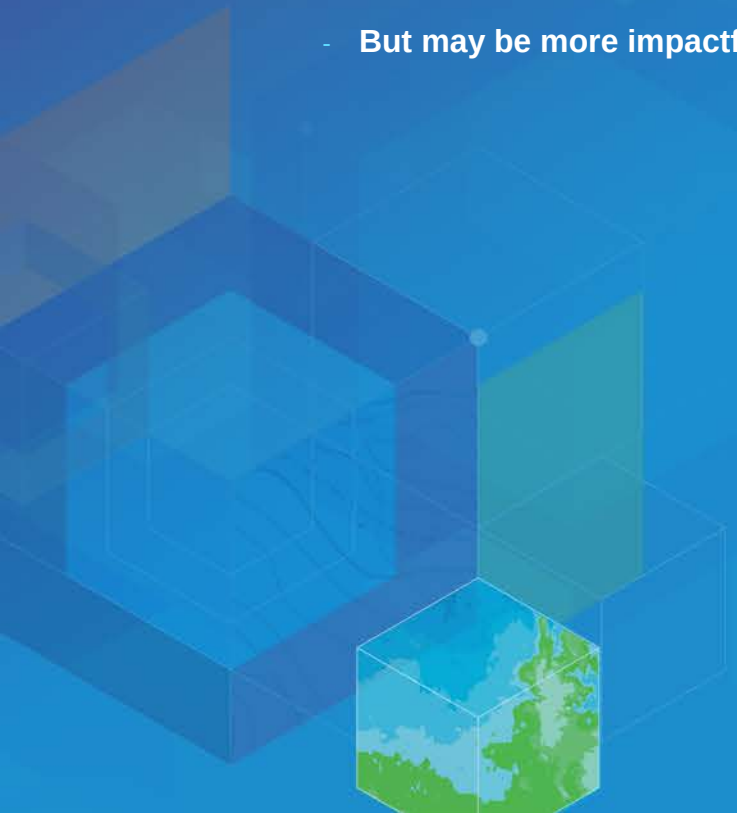
Find Solutions

solutions.arcgis.com



What Solutions Should you Start With?

- Solutions that are most impactful to your organization
- Solutions that are easier to deploy
  - Typically Solutions that use ArcGIS Online are easy to deploy
  - And Solutions that edit or analyze in the desktop are harder to deploy
    - But may be more impactful



Before you Implement a Solution, Explore It

- Read the item overview
- Understand the requirements
- Use the “Try It Now”
- Read the help
- Can be configured in your environment with sample data

If a Solution…

- Doesn’t do everything you need
  - Use it anyway! If it can provide some positive benefit to your organization
  - Consider filling gaps with other ArcGIS components or customizations
- Doesn’t have the workflow you want
  - Consider changing your workflow

…you can customize a Solution to better fit your organization

Don’t Focus on Just The Schema

- Each ArcGIS Solution includes an information model
  - Maps documents, web maps, services, schema necessary to power map or app
  - Included for users who don’t have an information model capable of deploying the solution
  - You aren’t required to use the information model we provide
- If your information model can quickly support deploying the app
  - Use your information model
  - If not, use the one we provide or modify yours
- A publication environment and ETL may make deployment easier

A Word of Caution about Migrating to Information Models

- Your focus should be on deploying useful applications not migrating information models
- If you have a mature implementation, your initial effort shouldn’t be migrating to an information model
  - Such as the Local Government Information Model or the Utility and Pipeline Data Model
- If you don’t have a mature implementation… adopt the information model and start to populate it by deploying useful apps

Ready to Implement?

Download

Configure

Deploy

Typical Solution Deployment Patterns

- Desktop solutions
- Solutions that leverage ArcGIS Portal Technology
  - Collector for ArcGIS
  - Web Apps
- Solutions that leverage WebApp Builder
- JavaScript web apps that require a web server
- Solutions that set up your mapping portal
  - ArcGIS Online Model Organization for <>

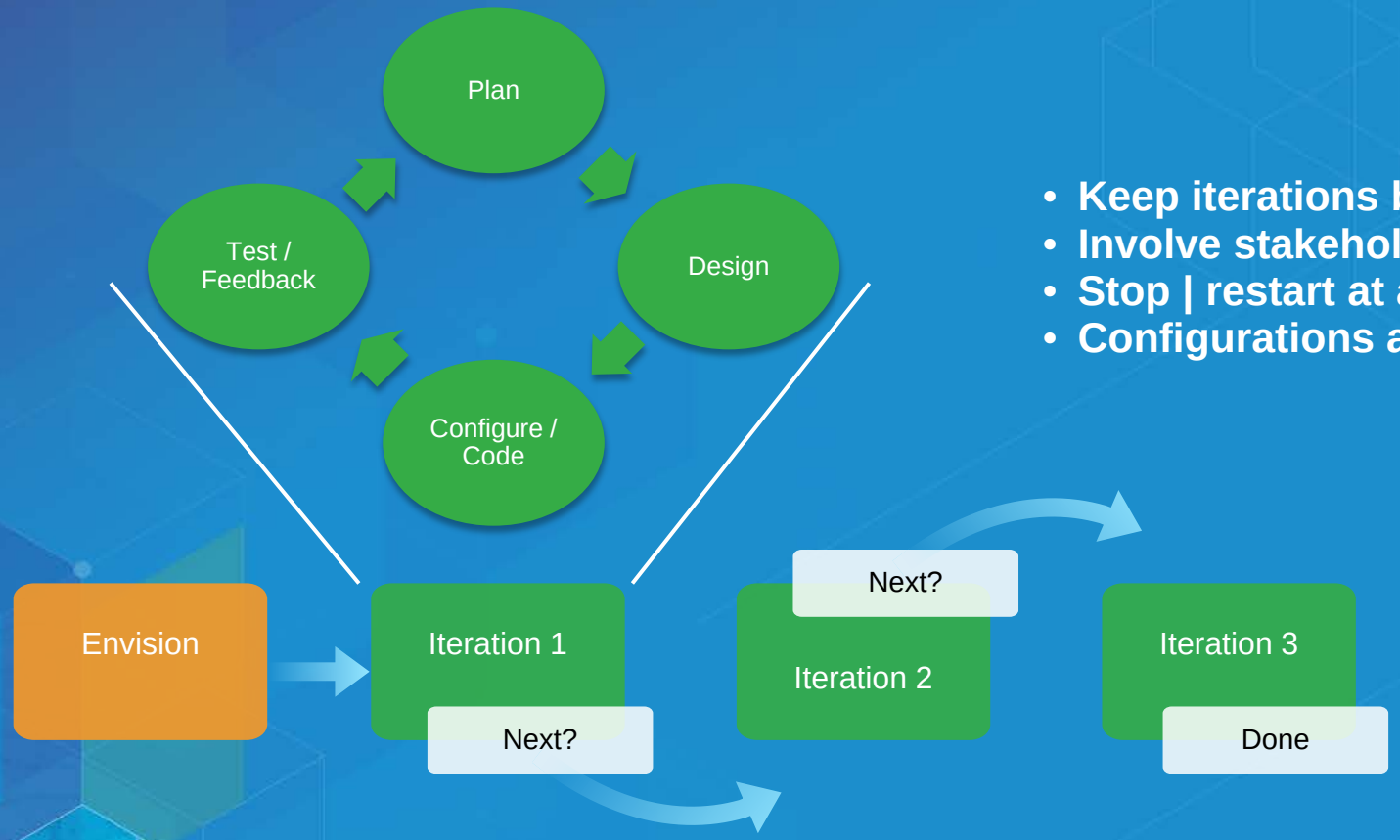
…Understand the pattern and easily repeat to deloy new Solutions

Need to Set Up a Mapping Portal for Your Organization?

- **Use the appropriate ArcGIS Online Model Organization for <>**
- **Includes groups, thumbnails, permissions, sharing, etc.**

Many Organizations Use an Agile Methodology

To Incrementally Make Solutions Better Fit Needs



- Keep iterations brief (~30 days)
- Involve stakeholders
- Stop | restart at any time
- Configurations accelerate delivery

Need Help?

- Contact Esri Technical Support
- GeoNet Discussion Forums
- Have an Esri Partner or Esri Professional Services implement for you

Join the Community

- http://solutions.arcgis.com/community/
- Share experience
- Exchange knowledge with other users
- Drive development efforts

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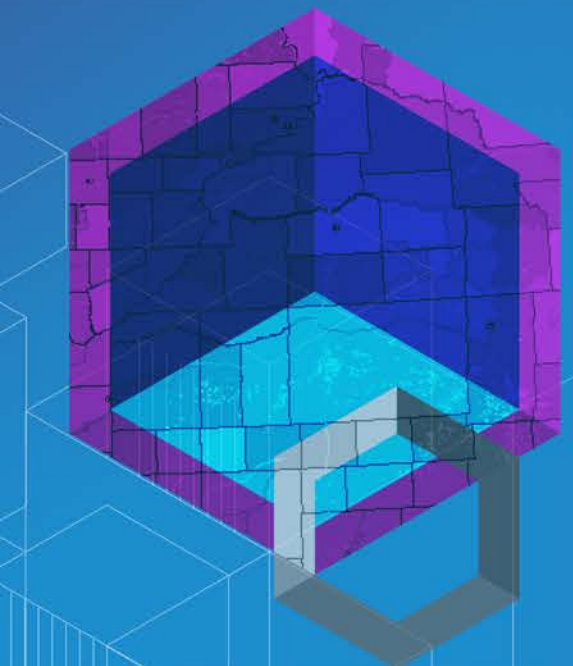

Questions

- Visit us at the Solutions Area in the Government Neighborhood
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