



# ArcGIS Pro: A Quick Tour of Python

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# ArcGIS Pro: a Quick Tour of Python

Beginner

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Wednesday, 22 Jul 2015, 11:30am - 12:15pm

Location: Demo Theater 11 - Developer

Python has been a big part of ArcGIS since 9.0 and ArcGIS Pro is no exception. We'll discuss the full experience of Python in ArcGIS Pro, including ArcPy, mapping, custom tools written in Python, the Python window and Python 3. Migration of code to ArcGIS Pro will also be discussed.

# Python

- **arcpy**
- **Python window**
- **Tools**
  - **Script tools**
  - **Python toolboxes**
- **Migration**
  - **Python 3**
  - **Writing code for ArcMap and ArcGIS Pro**

# Migration

- ArcGIS Pro uses Python, [Python 3](#)
- Includes arcpy
  - Majority of geoprocessing tools migrated
  - arcpy.mapping has been replaced by arcpy.mp
- Can still create (and use) script tools and Python toolboxes

# Uh oh? What about the Python code I've already written?

- **Some code will just work**
  - Possible obstacles: **2 to 3** differences and **arcpy** differences
- 1. **Run the geoprocessing tool 'Analyze Tools for Pro' on any Python code or toolbox you need**
- 2. **Correct issues**
  - In many cases, you can write code in a way that will work for both
  - [python3porting.com](http://python3porting.com) is a great resource

# Python in ArcGIS Pro





Understanding our world.