ArcGIS API for Python: Advanced Scripting

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ArcGIS API for Python

What is it?

- Python library for spatial analysis, mapping and GIS
- Powerful, modern and easy to use
- Powered by Web GIS, with local capabilities

Made for AUTOMATION and DATA SCIENCE
ArcGIS API for Python

Power Users
Developers

Platform API

Analysts

Spatial Analysis
Imagery
Location Analytics

Data Scientists

Big Data
Raster Analytics
Feature Analytics

Your Web GIS

A Pythonic representation of GIS

Enterprise Integration
Users, Roles & Group management

Administrators
DevOps

Content Publishers

Data Management
API Overview

gis

geo analytics

gerprocessing

geo enrichment

features

geocoding

geometry

raster

network

schematics

realtime

widgets

mapping

env
GIS Module
Information model of your GIS. Entry point into the API
The *gis* module
API Overview
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Demo
Geocoding Module

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Demo
Geoprocessing

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Demo
Geoenrichment

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Demo Mapping

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API Overview
What’s ahead

Q3 (Dev Summit Europe release)
• Public v1.5 release of 3D Widget
• Author and publish GP tools
• GeoEvent administration, RealTime GIS

Q4 (December release)
• Machine learning and deep learning integration
• Utility networks
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Q&A

Please submit your feedback!