ArcGIS Python API:

Advanced Scripting

ROHIT SINGH rsingh@esri.com

ATMA MANI amani@esri.com

ArcGIS API for Python

- What is it?
  - Pythonic representation of your GIS
  - Powerful, modern and easy to use
  - Implemented using REST + local capabilities

ArcGIS Python API

- **What can it do for you?**

Platform API

Power Users
Developers

Spatial Analysis

Imagery

Location Analytics

Analysts

Big Data

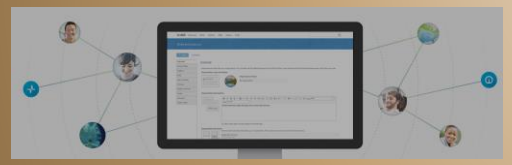
Raster Analytics

Feature Analytics

Data Scientists

Enterprise Integration

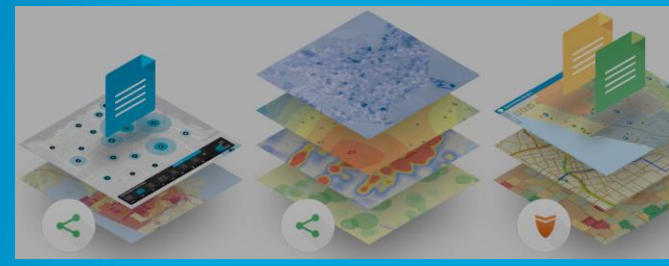
Users, Roles & Group management



Administrators
DevOps

Your Web GIS

Content Publishers

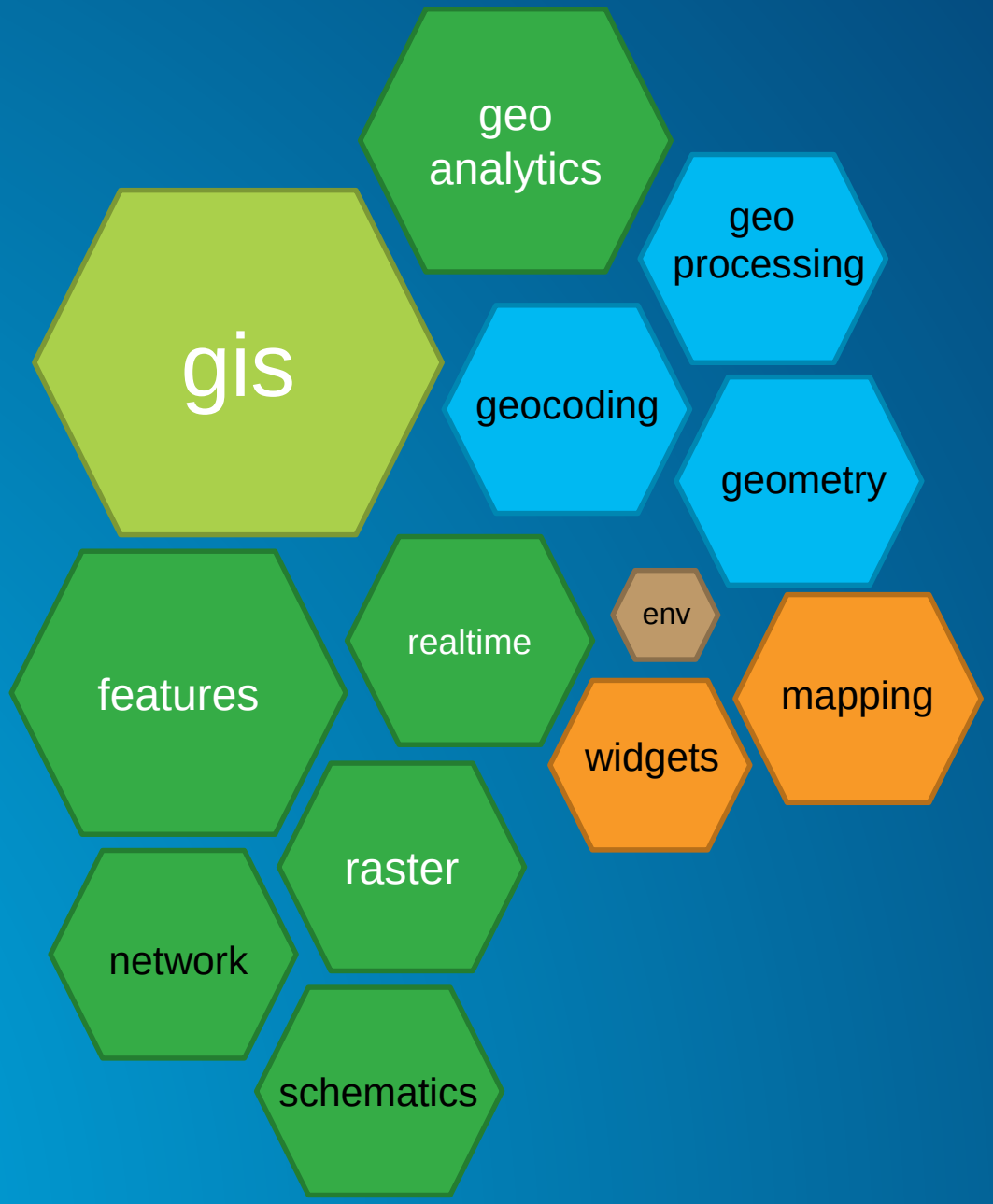


Data Management

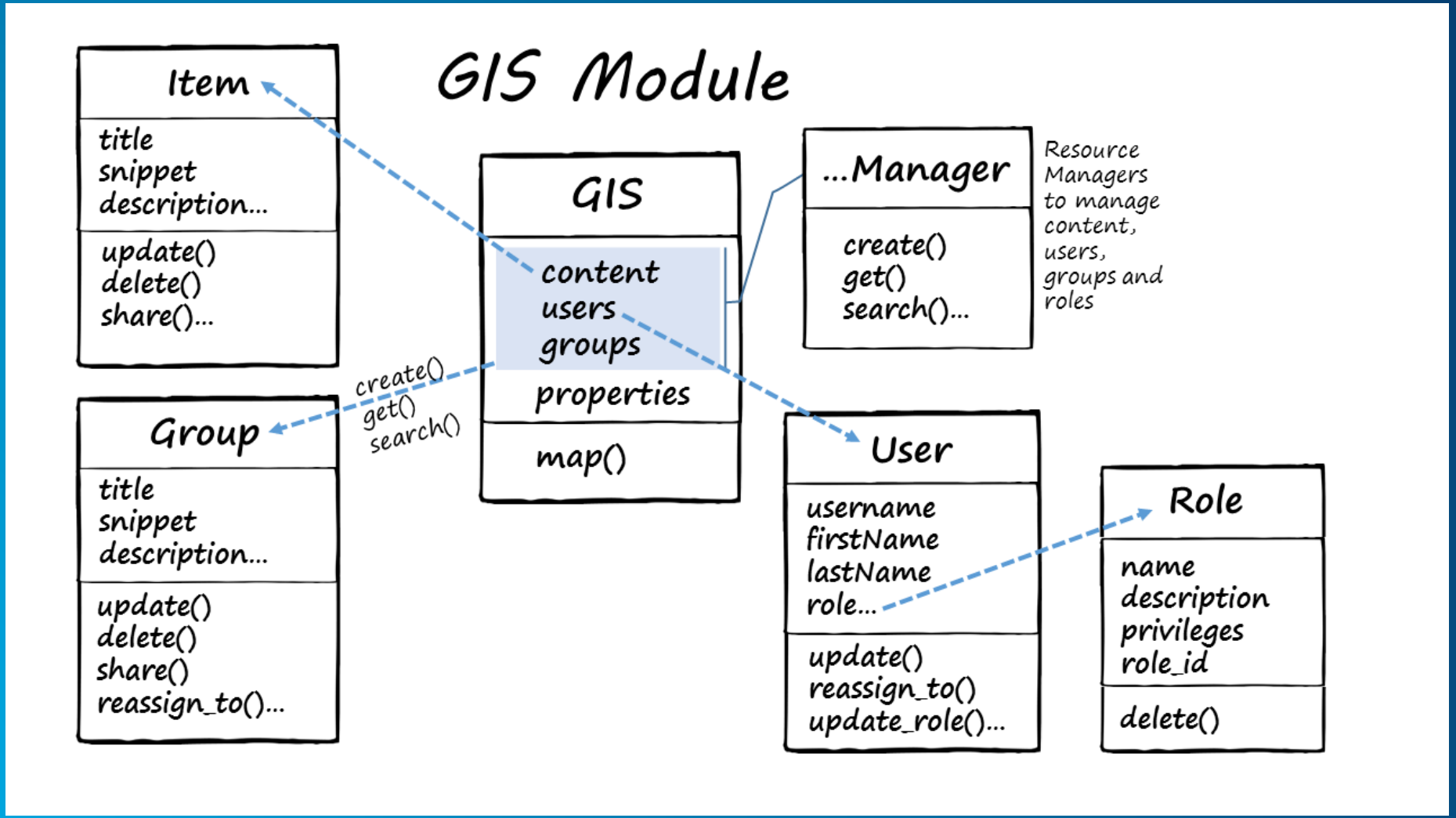
Script and automate your Web GIS

API Overview

- **Pythonic GIS API**



The GIS Module



Demo

GIS Module

Demo

Features Module

Demo

Raster Module

Demo

Geocoding

Demo

Geoprocessing

Demo

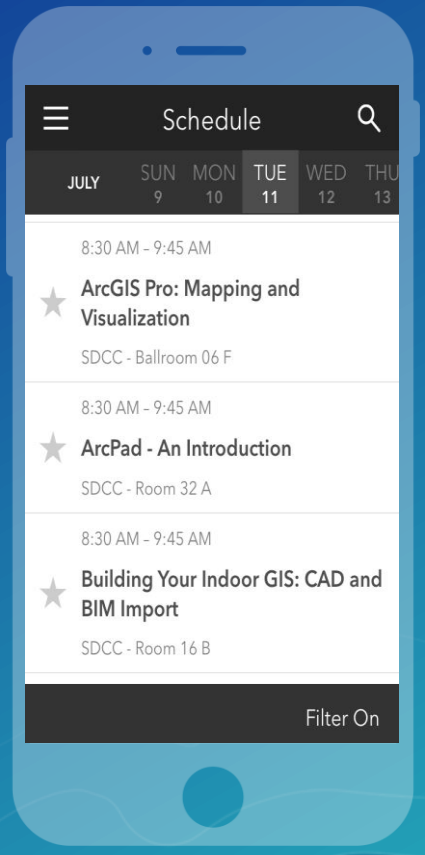
Network Module

Title	Date & time	Room	Repeat Date & time	Repeat Room
Administering ArcGIS Enterprise and ArcGIS Online with Python	Tuesday (July 11) 8:30 – 9:45 AM	SDCC – Ballroom 06 D		
Mapping, Visualization and Analysis using ArcGIS API for Python	Tuesday (July 11) 8:30 – 9:45	SDCC – Room 01 A		
ArcGIS Python API: Introduction to scripting your Web GIS	Tuesday (July 11) 10:15 – 11:30 am	SDCC – Room 09	Wed (July 12) 10:15 – 11:30	Hilton – Sapphire Ballroom M
Cloning your Portal users, groups and content using ArcGIS API for Python	Tuesday (July 11) 12:30 - 1:15 pm	SDCC – Demo Theater 11	Wed (July 12) 2:30 – 3:15 pm	SDCC – Demo Theater 11
ArcGIS API for Python for GIS Analysts and Data Scientists	Tuesday (July 11) 2:30 - 3:15 pm	SDCC – Demo Theater 11		
Automating Enterprise GIS Administration using Python	Tuesday (July 11) 4:30 pm – 5:15 pm	SDCC – Demo Theater 11		
Scripting and Automation for the Web GIS power user	Tuesday (July 11) 5:30 pm – 6:15 pm	SDCC – Demo Theater 11	Wed (July 12) 4:30 – 5:15 pm	SDCC – Demo Theater 11
Administering ArcGIS Enterprise and Online with Python	Thu (July 13) 8:30 – 9:45 am	SDCC – Ballroom 06 C		
ArcGIS Python API – Advanced Scripting	Thu (July 13) 10:15 – 11:30 am	SDCC - Room 02	Friday (July 14) 9:00 – 10:15	SDCC Ballroom 06 B
ArcGIS Python API for Administrators and Content Publishers	Thu (July 13) 12:20 – 1:15 pm	SDCC – Demo Theater 08		

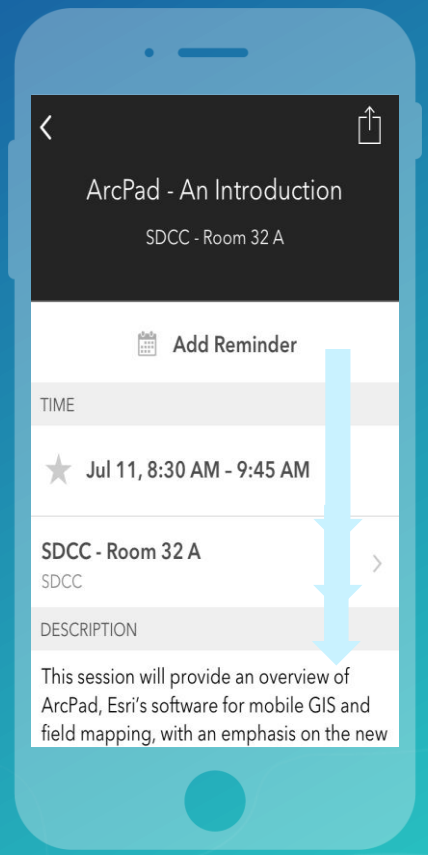
Please Take Our Survey on the **Esri Events App!**

Download the Esri Events app and find your event

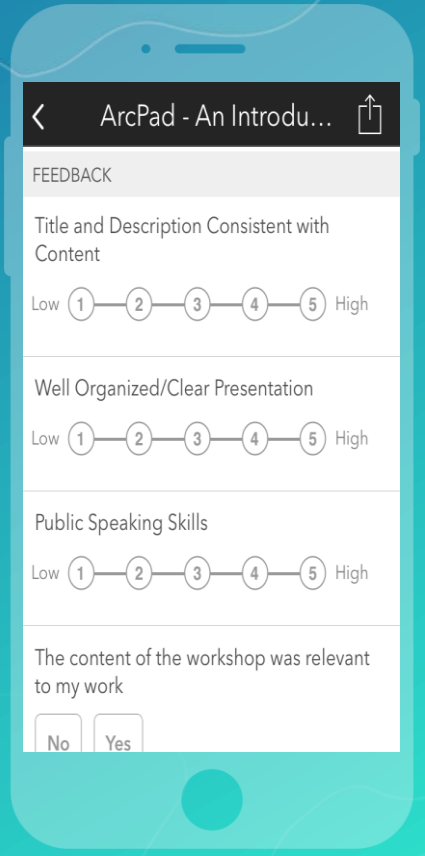
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



Questions?

esri
THE
SCIENCE
OF
WHERE