

Webinar

ArcGIS Developer Program



Herzlich Willkommen!

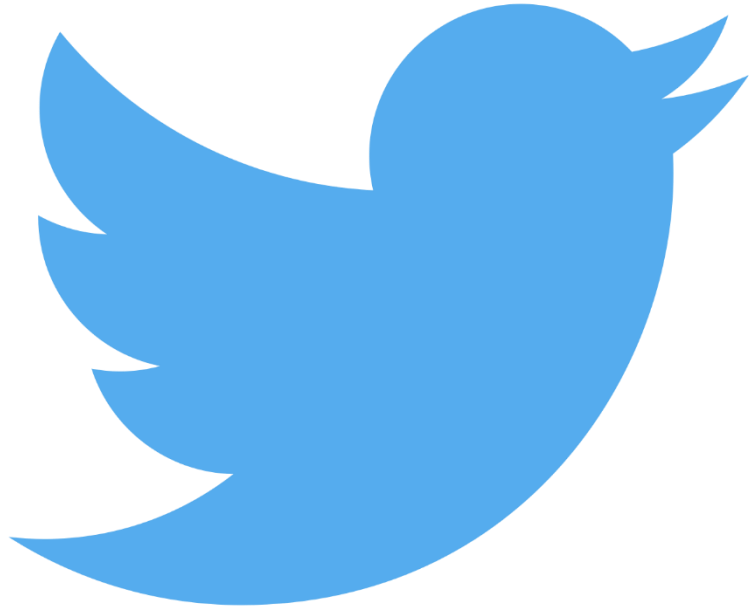


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 [@pilukinum](https://twitter.com/pilukinum)

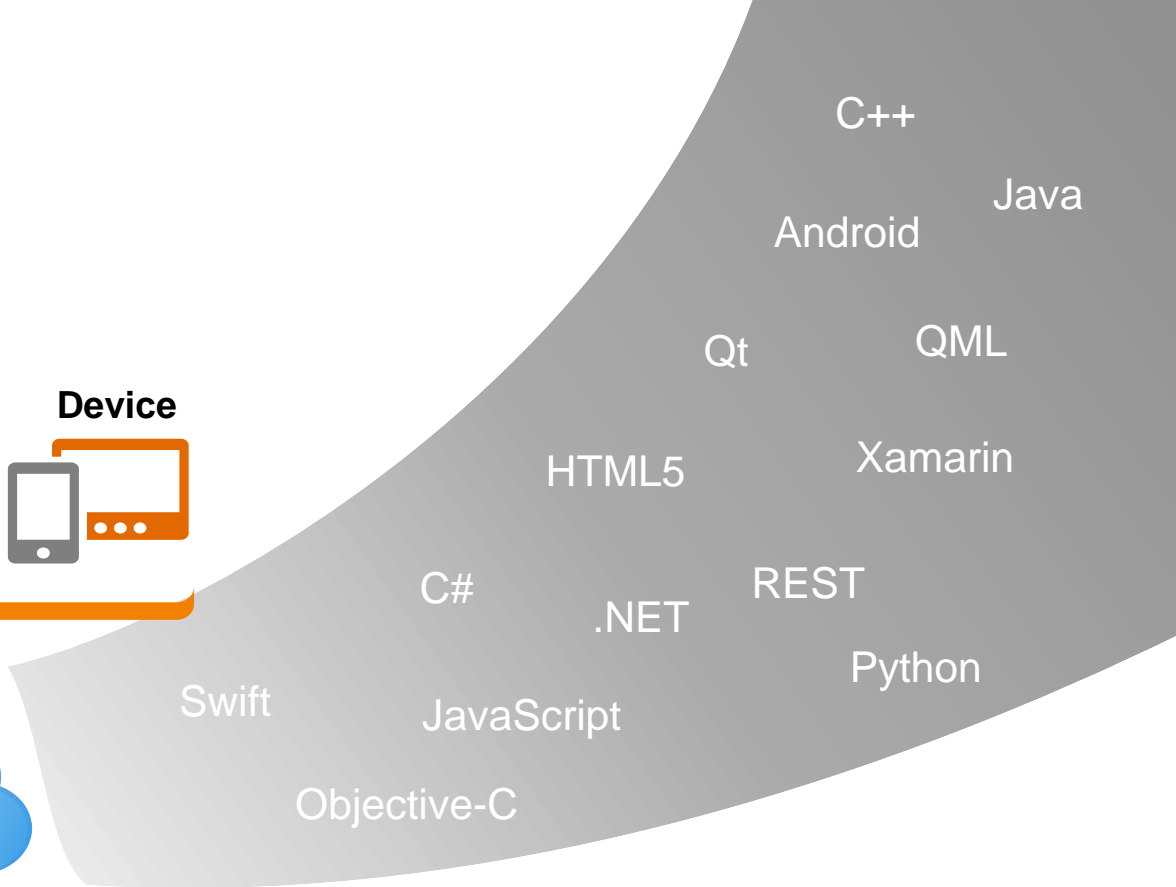
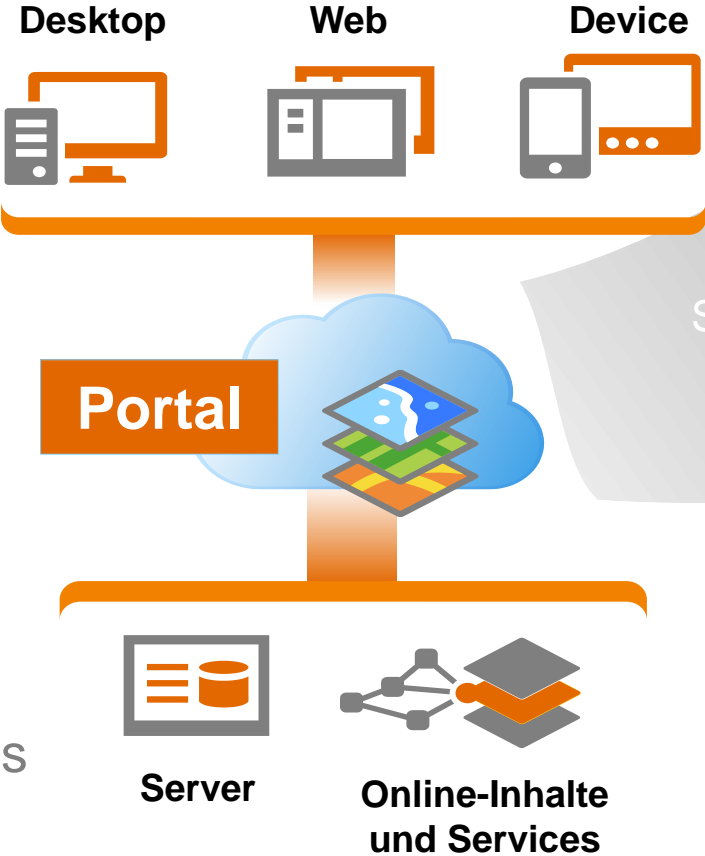


#geodev

ArcGIS für Entwickler

Building Apps
Client APIs

Extending ArcGIS
Server and Desktop APIs



Esri Developer Summit 2017

esri.com/events/devsummit



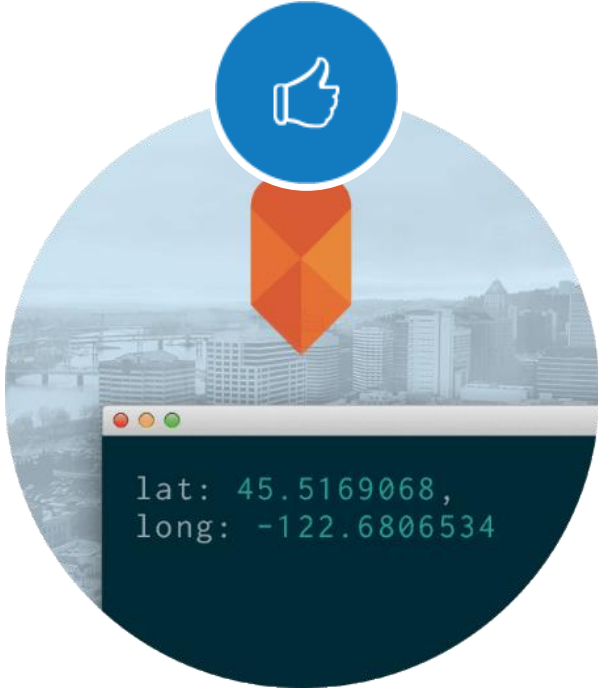
Entwickler können ...



Apps erstellen















ArcGIS erweitern



ArcGIS automatisieren

Umfangreiche Geo-Funktionalität

-  **Geocoding** >
Use the geocoding service to convert addresses to and from geographic coordinates. Search for places within a region and get places matching your search.
-  **Directions** >
Serve up directions, optimal routes between multiple destinations, and drive time calculations around a point of interest.
-  **GeoEnrichment** >
Given a point, area, or street address, find demographic and contextual data about the study area such as average income, household size and population density.
-  **Ready-to-use Content** >
Use a rich collection of ready-to-use basemaps, demographic maps and imagery in your app.
-  **Data Visualization** >
Create thematic interactive maps that allow your users to explore and understand their geographic data.
-  **Data Storage** >
Host your own geographic data in the cloud and make it available as a REST service. Store custom rendering rules, metadata, or create hosted map tiles.
-  **Work Offline** >
Use your data offline to view maps, search, find routes, and then sync edits when reconnected.
-  **Open & Interoperable** >
Connect your app with standards-based open services and open data formats.
-  **Real-time Processing** >
GeoEvent Processor provides an on-premise industrial-grade event notification system for your organization.
-  **Elevation Analysis** >
Query a worldwide dataset of elevation data to get answers to questions about watershed, viewshed and elevation summaries.
-  **Spatial Analysis** >
Spatial Analysis allows you to make more empowered decisions with your data. Sort, organize and empower your organization with pattern detection and trend assessment.
-  **Imagery** >

Esri Open Vision

www.esri.com/software/open



Kartenquelle: Esri Australia/PTV

- + Offene Standards
- + Dateninteroperabilität
- + Open Data
- + Offene APIs und Spezifikationen
- + Open Source
- + Community

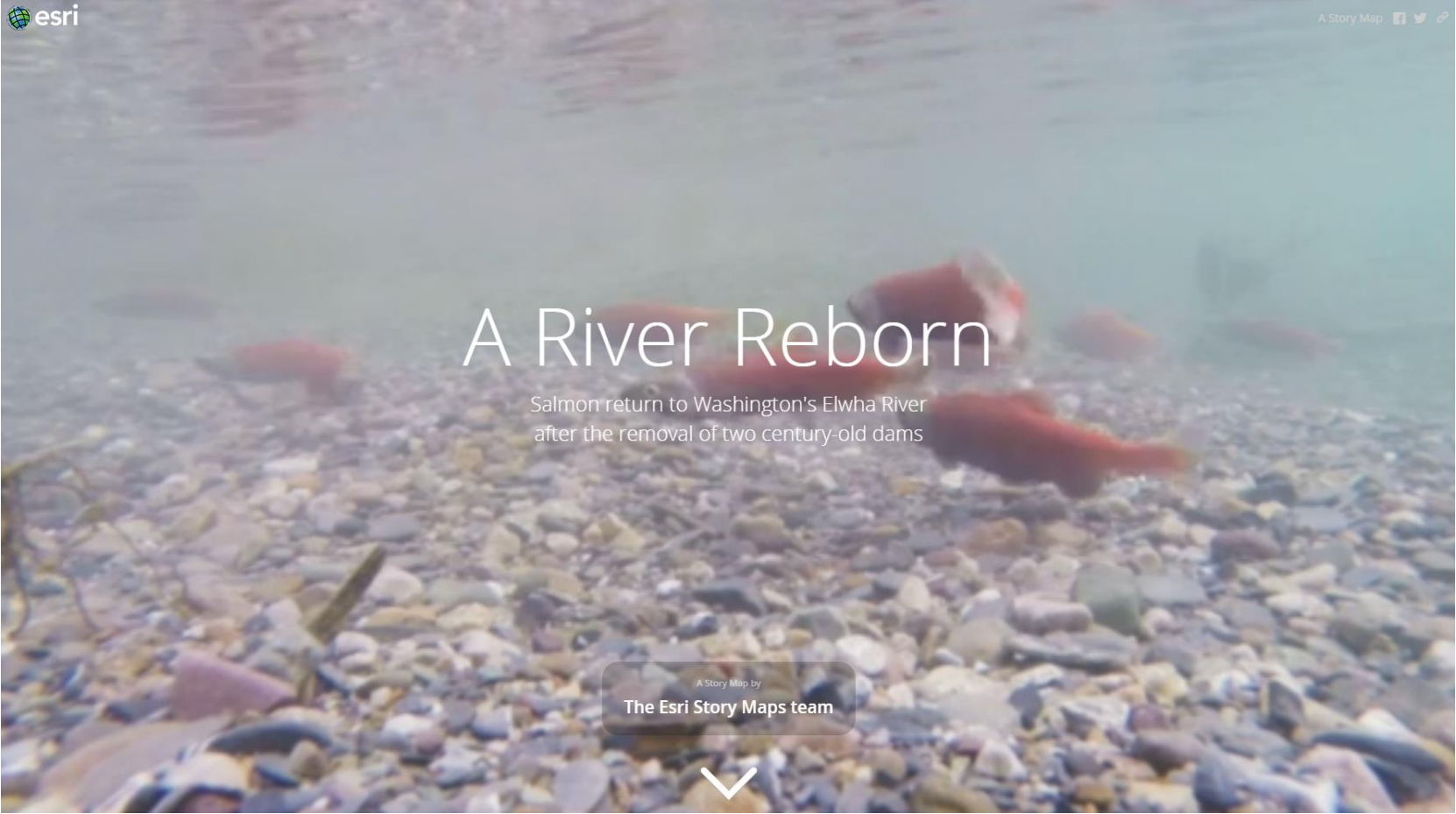
Apps erstellen



- + Konfigurierbare Apps, Templates und App Builder
- + ArcGIS Web APIs und Native SDKs
- + Low-level REST API

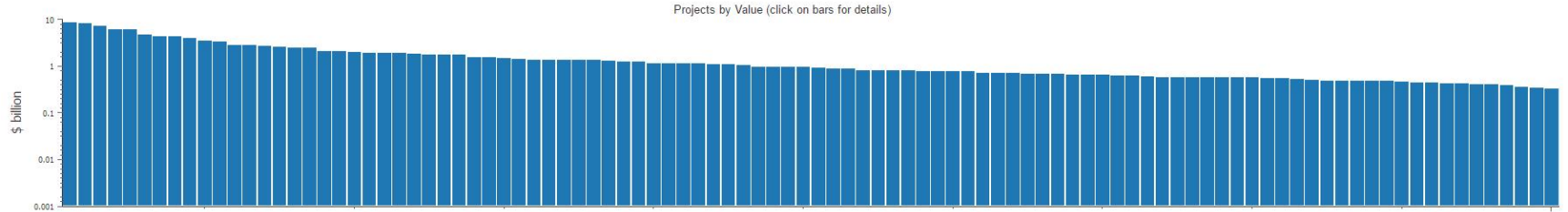
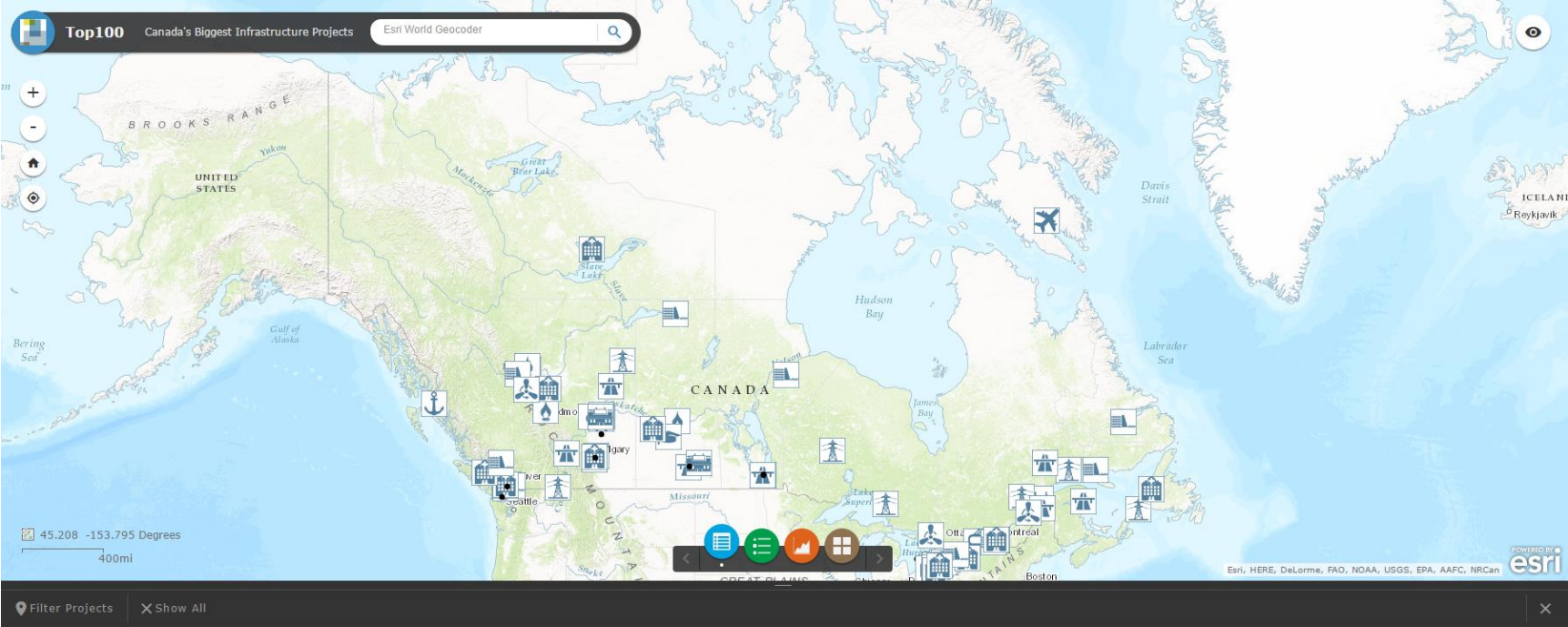
Story Map: A River Reborn

storymaps.esri.com/stories/2015/river-reborn/



Web AppBuilder: Kanadas 100 Top Projekte

top100projects.ca/map



JavaScript API: Vision Zero

coolmaps.esri.com/#13

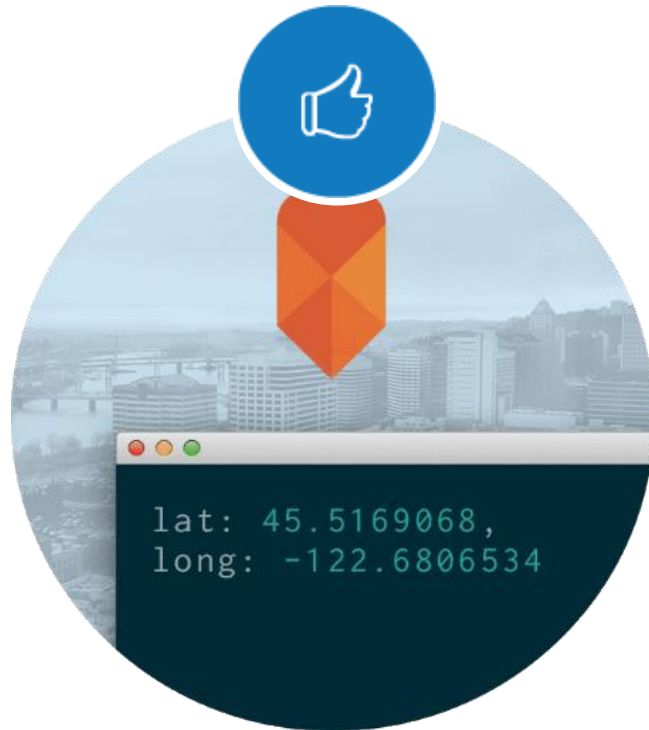


ArcGIS erweitern



- + ArcGIS Desktop erweitern
- + ArcGIS Server erweitern
- + Operations Dashboard for ArcGIS erweitern

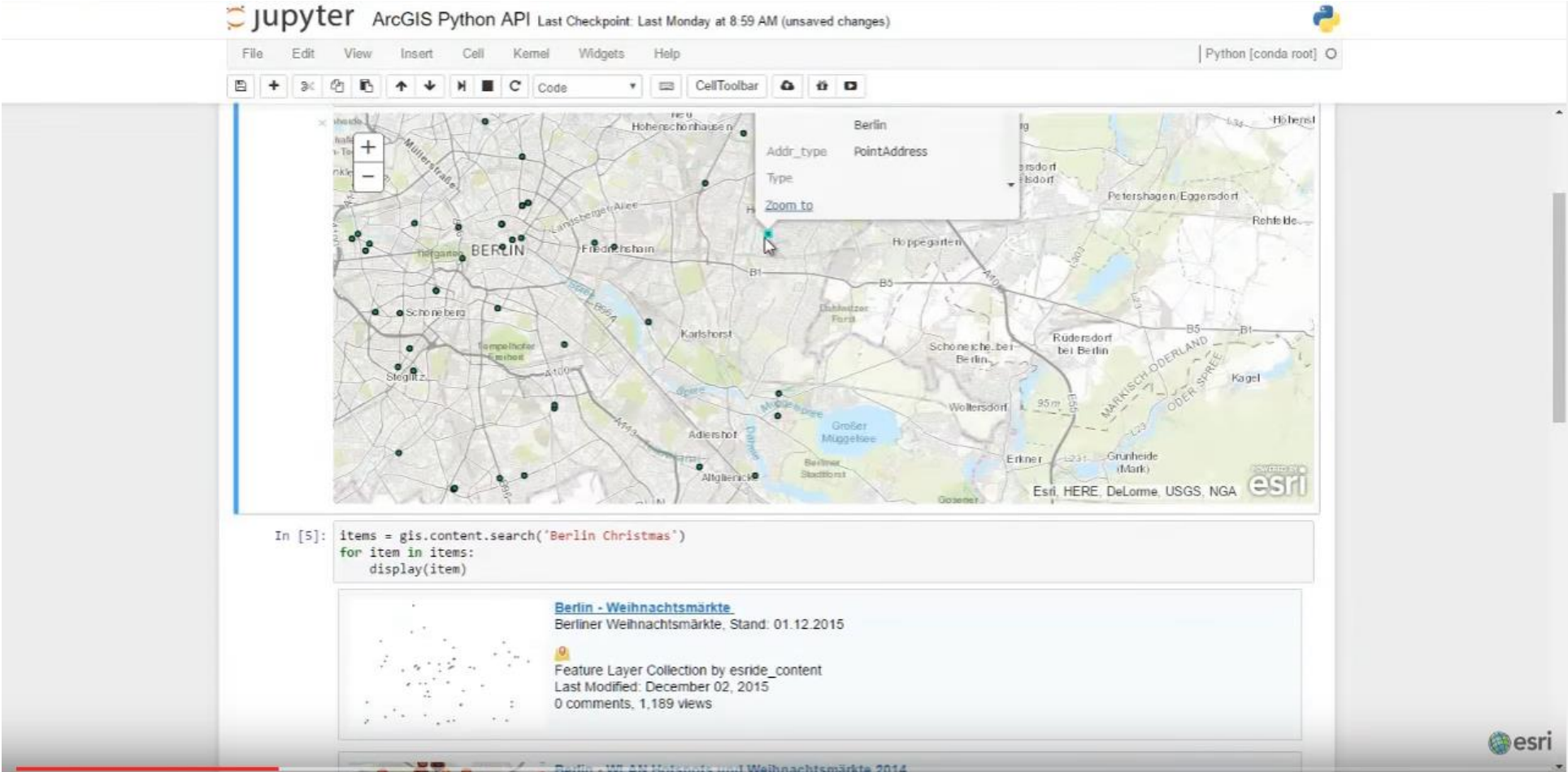
ArcGIS mit Python automatisieren



- + Portal administrieren
- + Inhalte bereitstellen
- + Daten analysieren
- + Daten konvertieren
- + Karten automatisieren

ArcGIS Python Video

<https://youtu.be/SyFebn8ZgbU>



The screenshot shows a Jupyter Notebook environment with the title "ArcGIS Python API Last Checkpoint: Last Monday at 8:59 AM (unsaved changes)". The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a toolbar with icons for file operations and code execution. The main content area is divided into three parts:

- Map View:** A map of Berlin with a search box in the top right corner containing "Berlin". The search results show "Addr_type: PointAddress" and "Type: Zoom to". The map displays various districts and landmarks, including the Spree river and the Muggelsee.
- Code Cell:** A code cell with the following Python code:

```
In [5]: items = gis.content.search('Berlin Christmas')
for item in items:
    display(item)
```
- Output:** The output of the code cell shows a search result for "Berlin - Weihnachtsmärkte". The result includes a thumbnail map of Berlin, the title "Berlin - Weihnachtsmärkte", the subtitle "Berliner Weihnachtsmärkte, Stand: 01.12.2015", and metadata: "Feature Layer Collection by esride_content", "Last Modified: December 02, 2015", "0 comments, 1,189 views".

The Esri logo is visible in the bottom right corner of the interface.

ArcGIS Developer Program

ArcGIS Developer Program

Bietet Entwicklern ein einheitliches und vollständiges Angebot, für den Erfolg mit ArcGIS.



APIs und SDKs



Credits



Templates und App Builder



Dokumentation und Beispiele



Developer Community



Beta Software



ArcGIS Developer Subscription

ArcGIS for Developers

developers.arcgis.com

ArcGIS for Developers | [Get Started](#) | [Documentation](#) | [Features](#) | [Pricing](#) | [Support](#)

ArcGIS for Developers

Bring the power of location to your apps with ArcGIS – a complete geospatial platform for developers. Regardless of your developer experience, you can create and manage apps that include mapping, visualization, analysis, and more. Build web, mobile, and desktop apps for any industry and any device.

[Sign Up for Free](#)

[Get Started in 15 minutes](#)

[APIs & SDKs](#) ▾

[ArcGIS DevLabs](#)

[Documentation](#)

Online Sign-up

developers.arcgis.com/sign-up

Sign up for the ArcGIS Developer Program

First name

Last name

Email

[Send Confirmation Email](#)

Already have an ArcGIS Online account or are a member of the ArcGIS Developer Program? [Sign in](#) to access developer tools and downloads.

Membership in the ArcGIS Developer Program gives you access to:



Basic online app builders



Web and native client SDKs



Credits for developing and testing your apps



A large developer community to communicate and collaborate



Documentation including a vast library of developer samples



Beta software and the Esri Early Adopter Community (EAC)

Developer Labs

developers.arcgis.com/labs



Learn how to build an app in 15 minutes.

ArcGIS DevLabs guide you through the three phases of building geospatial apps:
Data, Design, Develop

Introduction Data Design Develop

Data

- ▶ Explore ArcGIS Open Data
- ▶ Create or import new datasets
- ▶ Share content or keep it private
- ▶ Prep data for offline use

[View All 5 Data DevLabs](#)



Import data

Load your data into the cloud (xls, gpx, GeoJSON, shapefiles).

[Start Lab \(10 minutes\)](#)




Create a new dataset


Define and populate datasets in the cloud for your apps.

[Start Lab \(10 minutes\)](#)

Developer Dashboard

developers.arcgis.com/dashboard

ArcGIS for Developers [Dashboard](#) + [Get Started](#) [Documentation](#) [Pricing](#) [Support](#) 🔍  Lars Isc4devprog ⌵

**Lars Schmitz**
@isc4devprog
GeoDev Germany, Admin
ArcGIS Organization Account
2452.3184 credits available


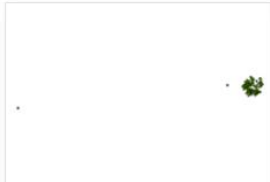
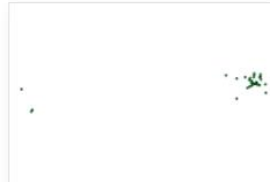

Applications

[View all 12 Applications](#)

- Netze BW
🕒 February 13, 2017
- Startups 2016
🕒 January 23, 2017
- StartupPortfolio2016-Setup-x64.exe.zip (1.0.5)
🕒 October 26, 2016

Layers

[View all 9 Layers](#) [Create New Layer](#)

- 
Startups_2016
🕒 October 25, 2016
- 
Developer Community 2016
🕒 April 25, 2016
Community
- 
Events 2014
🕒 April 25, 2016
Conferences
- 
Startups 2014
🕒 April 25, 2016
Startups

APIs & SDKs

Download APIs and SDKs, such as the ArcGIS API for JavaScript or ArcGIS Runtime SDKs.

[Download APIs and SDKs](#)

Professional GIS Software

Download and license GIS software such as ArcGIS Pro and ArcGIS Enterprise.

[Download On My Esri](#)

ArcGIS Online Organization

- Password and Profile
- Redeem Voucher
- Support
- Feedback
- Switch Accounts
- Sign Out



Die ArcGIS Developer **Subscription**

ArcGIS Developer Subscription

- + Neue, einheitliche Subskription für Entwickler
 - > AGOL Developer Subscription und EDN Subscription “zusammengeführt”
- + Zentraler Zugriff auf Entwicklerwerkzeuge und Ressourcen
- + Flexible, nach Bedarf gestaffelte Pläne
- + Klare Trennung zwischen Development und Deployment
- + Self Service

ArcGIS Developer Subscription - Pläne

developers.arcgis.com/pricing

Essentials



*“Essential”
App
Development
Tools*

Builder



*Rapid App and
cross platform
Development
Tools*

Professional



*Extend
Desktop/Enterprise*

Premium



*Extend Desktop
at the
Enterprise
Level*

Enterprise



*All the
Development
tools you can
handle*

ArcGIS Developer Subscription - Pläne

ArcGIS Developer Subscription	50 credits (Dev and deployment)	Access to client App SDKs	Web Templates	Online App Builders	Web AppBuilder Dev Edition	AppStudio (Standard Edition)	ArcGIS Online Org (5 users)	ArcGIS Online Apps (Dev and Test)	ArcGIS Desktop	Desktop Extensions	Pro SDK and ArcObjects SDKs	ArcGIS Engine	ArcGIS Enterprise (Advanced)	City Engine (Advanced)	GeoAnalytics, Image GeoEvent Server	Dev Summit Reg
Enterprise	●	●	●	●	●	●	●	●	Adv	●	●	●	●	●	●	●
Premium	●	●	●	●	●	●	●	●	Std	●	●	●	●	●		
Professional	●	●	●	●	●	●	●	●	Basic	●	●	●	●	●		
Builder	●	●	●	●	●	●	●	●	Basic							
Essentials (Included with the ADP)	●	●	●	●	●											

ArcGIS Deployment Plans

developers.arcgis.com/credits

- + Zusätzliche Credits
 - > 50 Credits bereits in Mitgliedschaft enthalten
- + Entwickeln und Betreiben (auch kommerziell)
- + Monatliche Subskription
- + Fein abgestuft
- + Ab 200 \$/Monat Anspruch auf technischen Support (Telefon, Email, Live Chat)

Deployment Plans

All plans are billed monthly and include a fixed number of credits per billing cycle.

50 Credits Included With Developer Program Membership
200 Credits \$20 / month
900 Credits \$90 / month
2,000 Credits \$200 / month Includes Esri Technical Support
5,000 Credits \$500 / month Includes Esri Technical Support
10,000 Credits

Support

+ Community Support

- > Entwicklerforen auf [GeoNet](#)
- > [Stack Overflow](#), [GIS Stack Exchange](#) und [The Spatial Community auf Slack](#)

+ Esri Technical Support

- > [Developer Products Support](#)
- > [Knowledge Base](#)
- > [Technischer Support](#) (für zahlende Kunden)



Wie erhalten Entwickler die neue ArcGIS Developer Subscription?

Vorhandene ArcGIS Online Developer Subscription

- > Wird Mitglied des ArcGIS Developer Programms
- > Erhält automatisch einen Essentials Plan
- > Inhaber einer bezahlten Subskriptionen sehen eine Namensänderung

Deployment ~~Developer Plans~~

Plan	Credits	Users	Support
Free For Development	50	1	✓ Community × Email × Phone
\$20 / month	200	1	✓ Community × Email × Phone
\$90 / month	900	1	✓ Community × Email × Phone

Included in the
Essentials Plan

Wie erhalten Entwickler die neue ArcGIS Developer Subscription?

Neue Kunden

- > Registrieren sich auf developers.arcgis.com
- > Erhalten automatisch einen Essentials Plan
- > Rüsten bei Bedarf auf einen Paid Developer Plan auf
 - > Kontaktieren hierzu Customer Service

Wie erhalten Entwickler die neue ArcGIS Developer Subscription?

EDN Kunden

- > Werden automatisch auf einen passenden Plan migriert
- > Erhalten mehr Leistung zum selben Preis

- > Spezialangebot in den ersten 60 Tagen (2.5.2017)
 - > Bei Verlängerung bezahlt der Kunde denselben Preis seiner EDN Subscription
 - > Bei Upgrade erhält der Kunde eine Vergünstigung

Migrationspfad für EDN Kunden

EDN	ArcGIS Developer Subskriptionslevel
EDN	Professional
EDN + Desktop Basic + CityEngine Advanced	Professional
EDN + Desktop Standard + CityEngine Advanced	Premium
EDN + Desktop Advanced + CityEngine Advanced	Enterprise
EDN + AppStudio Standard	Professional
EDN + Desktop Basic + CityEngine Advanced + AppStudio Standard	Professional
EDN + Desktop Standard + CityEngine Advanced + AppStudio Standard	Premium
EDN + Desktop Advanced + CityEngine Advanced + AppStudio Standard	Enterprise

Was passiert mit dem Esri Developer Network (EDN)?

- + ArcGIS Developer Subscription ist die Evolution von EDN
 - > Flexibler
 - > Self-Service (beim Release nur teilweise)
 - > Einheitliche Developer Experience

Ressourcen für Entwickler

ArcGIS for Developers

developers.arcgis.com

ArcGIS for Developers | [Get Started](#) | [Documentation](#) | [Features](#) | [Pricing](#) | [Support](#)

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[APIs & SDKs](#) ▾

[ArcGIS DevLabs](#)

[Documentation](#)

GeoDev Germany auf GeoNet

geonet.esri.com/groups/geodev-germany

Homepage News Communities All Content ArcGIS Ideas GeoNet Help

GeoDev Germany

Übersicht Inhalte Personen Berichte Kalender

Folgt Aktionen

GeoDev Germany fragen

Frage eintippen

Anstehende Ereignisse

03.02.2017	Startupbootcamp Smart Transportation & Energy FastTrack	openBerlin Cisco Innovation Center , Berlin
15.02.2017	● LOCA Conference	BMW World, Munich
21.02.2017	● MUST 2017	Munich
27.02.2017	● Mobile World Congress	Barcelona
04.03.2017	● Esri Partner Conference 2017	Palm Springs

Was ist los?

Suche

#geodev


Esri Bulgaria hat retweetet

Katie Decker @GlobalDecker


A good morning message from @hhkaos @Esri_Spain @EsriStartups @Esri #innovation #startups #geodev

GeoDev Meetups

meetup.com/GeoDev-Germany



Home Members Sponsors Photos Pages Discussions More Group tools My profile



Change photo

München, Germany
Founded Feb 13, 2014

Mapping, Location und GIS - von Entwicklern für Entwickler

+ Schedule a new Meetup

Upcoming (2) Past Calendar

Webinar: Das neue ArcGIS Developer Program



ONLINE
ONLINE, München (map) Tue Mar 21
4:00 PM

I'm going

5 days left

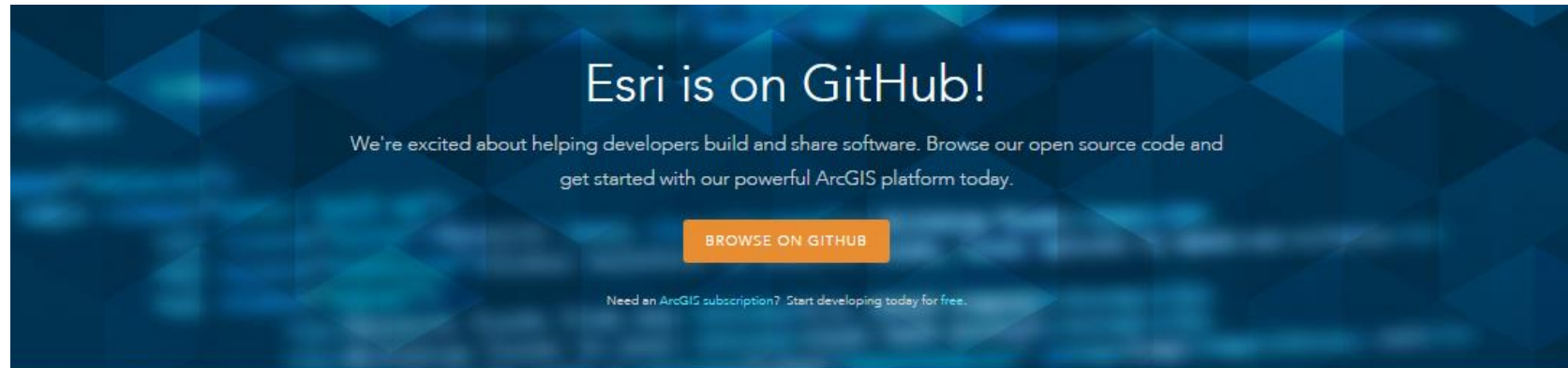
Das neue ArcGIS Developer Program Für

What's new



Esri @ GitHub

esri.github.io



Filter by language or keyword:

Search/Select

esri-leaflet
JavaScript

A lightweight set of tools for working with ArcGIS services with Leaflet.

🔼 274 ★ 339

terraformer
JavaScript

A geometric toolkit for dealing with geometry, geography, formats, and building geo databases

🔼 61 ★ 227

koop
JavaScript

Expose GeoJSON services as Feature Services

🔼 48 ★ 155

gis-tools-for-hadoop
Python

arcgis-viewer-flex
ActionScript

bootstrap-map-js
JavaScript

A light-weight JS/CSS extension for building

Key Take-Aways

Entwickler ...

1. finden in ArcGIS eine leistungsfähige Plattform für das Realisieren von Geolösungen
2. erhalten zentral Zugriff auf sämtliche Werkzeuge für das Entwickeln mit ArcGIS
3. steigen mit dem kostenfreien Plan „Essentials“ in das Entwickeln mit ArcGIS ein
4. wählen bei steigendem Bedarf flexibel einen der 4 höheren Subskriptionspläne
5. werden mit umfangreichen Ressourcen bei ihrer Arbeit unterstützt

Eure Fragen

Webinare für Entwickler

esri.de/entwickler-und-start-ups/webinare

21.03. - Das neue ArcGIS Developer Programm

28.03. - Native Apps entwickeln mit ArcGIS Runtime Version 100

04.04. - Web Apps entwickeln mit ArcGIS API for JavaScript und Web AppBuilder

11.04. - Web GIS automatisieren mit der neuen ArcGIS Python API

Online-Anmeldung auf esri.de!

Vielen Dank!



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Die Unternehmen der Esri Deutschland Group GmbH



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Esri Deutschland GmbH Kranzberg
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Niederlassung Hannover
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