

How Mature are You?

Judging API Program Quality

#APIWorld17 | Ben Rodriguez @APIchampion | Jenny Wanger @jennydove





aritySM

Arity is a telematics company whose mission is to make transportation efficient and safer for everyone.

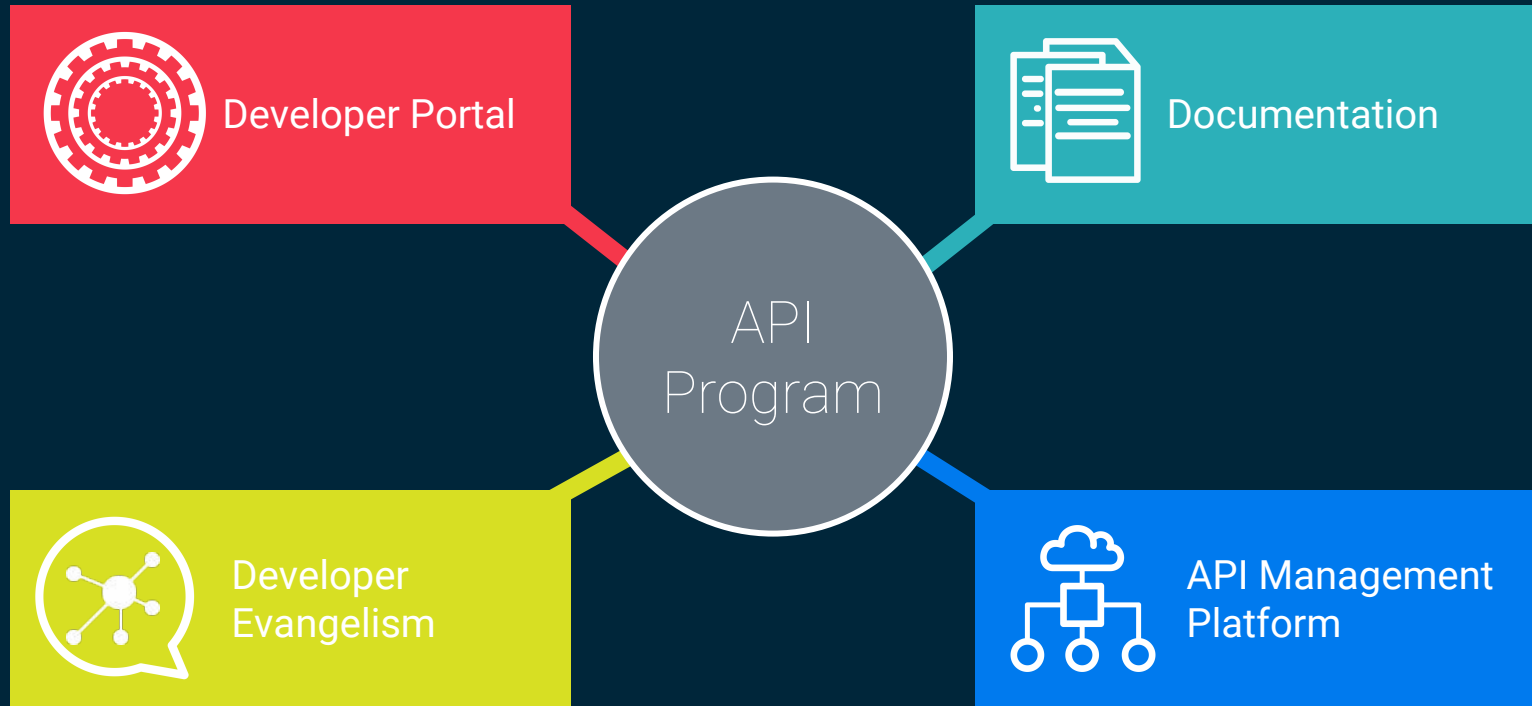


Ben Rodriguez
API Champion

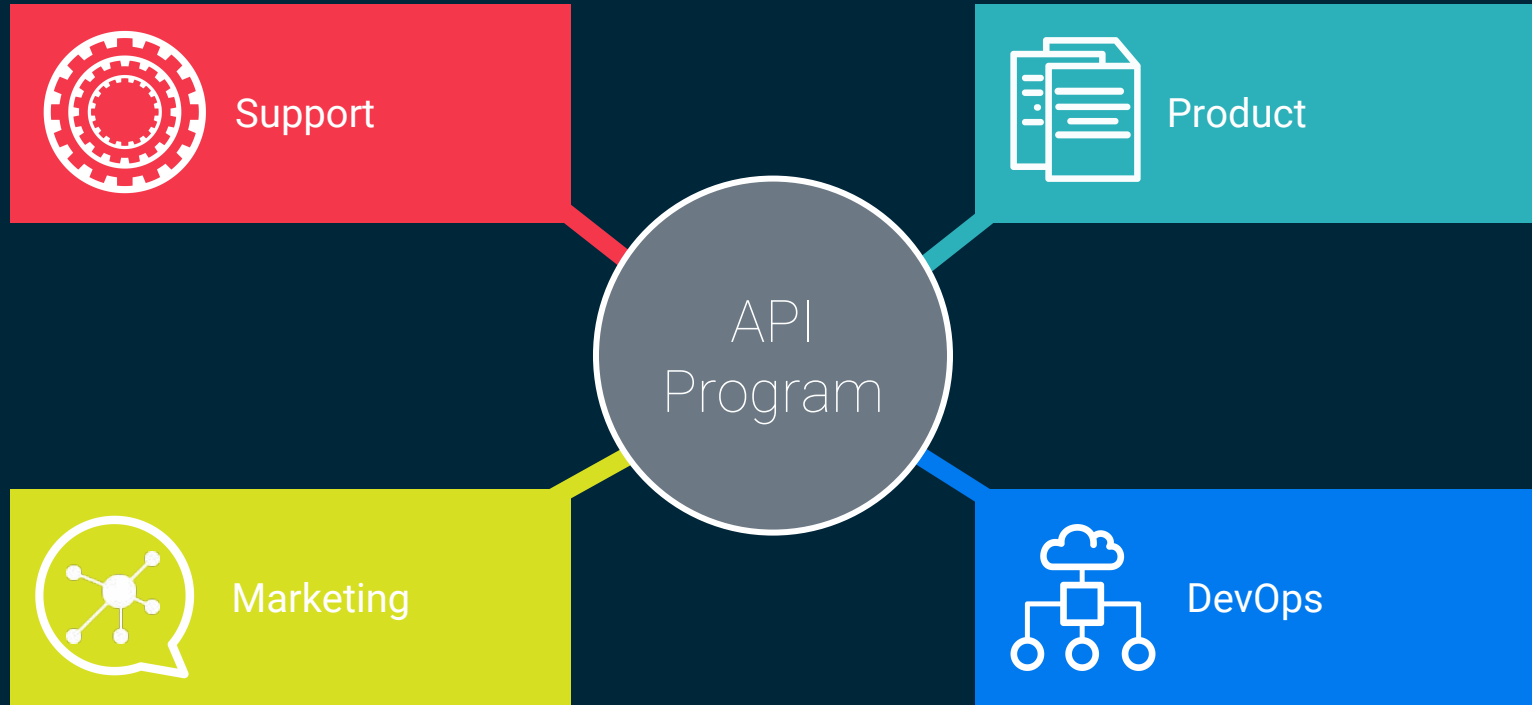


Jenny Wanger
DevEx Product Manager

An API program is everything that makes up your developer experience



An API program sits between the different departments in your organization



A great API program allows you to scale



Maturity models help us judge our progress



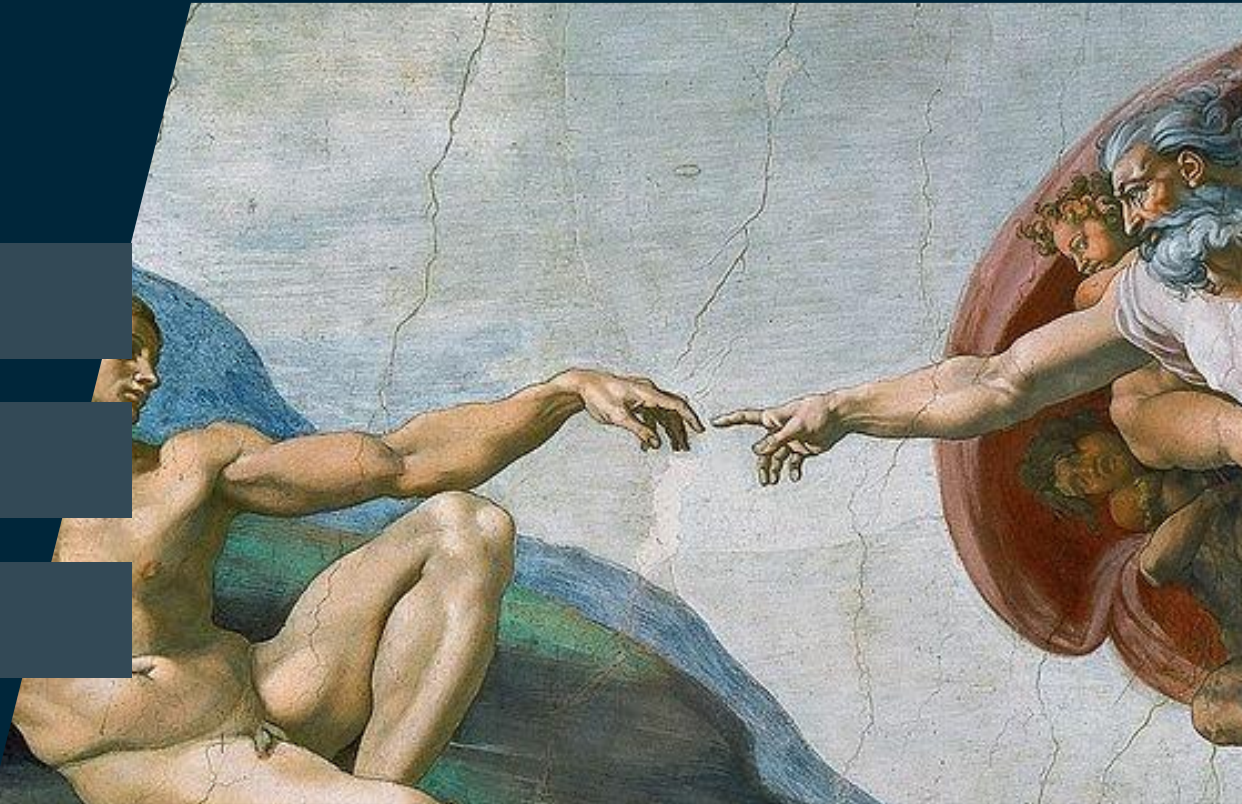
Define Excellence



Evaluate Ourselves



Increase Investment in DevEx



The Developer Experience API Model

OPENNESS AND
ACCESSIBILITY



ENVIRONMENTS
AND DOCS



API QUALITY AND
EASE OF USE



COMMUNITY
AND SUPPORT



SALES AND
MARKETING



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Level 0

"I have some APIs-- good luck!"



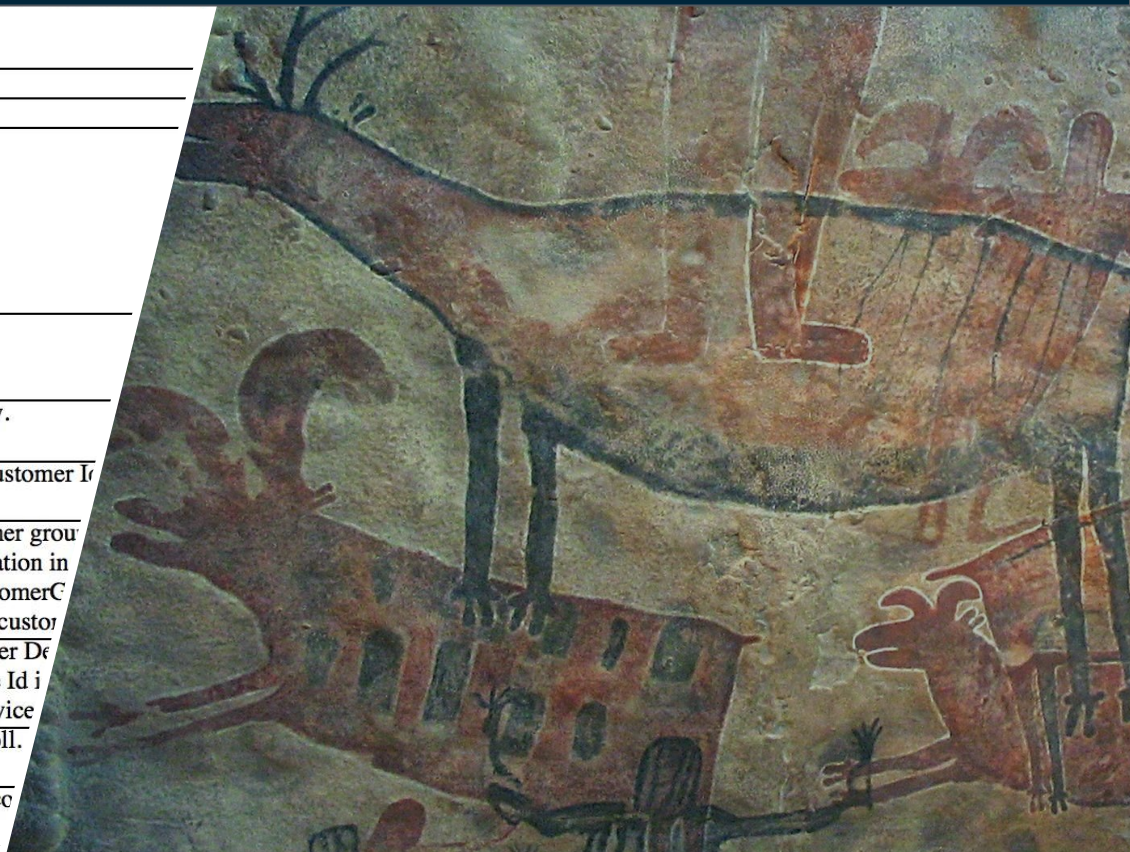
the TSP.

TOKEN TYPE	SCOPE/PATH
Bearer	members

9.1 Request Parameters

Standard Request parameters omitted. Refer to Section 6.1.

Parameter	type / format	In	Required?	Description
customers	customers array	body	true	Customers array.
customerId	string	customers array	true	TSP Partner's customer Id
customerGroupId	string	customers array	true	Partner's customer group parent-child relation in system, the customerC the same as the custo
memberDeviceId	string	customers array	false	Optional Member De Member Device Id i member and device
programCode	string	customers array	true	Program to enroll.
stateProvCode	string	customers array	false	State Province co



Level 1

“My APIs are available on the internet for you to use.”



Expansion

es

actices

vement

What the API does

The API makes it easy for developers to get specific, machine-readable information from CTA Train Tracker to incorporate estimated arrival/route progress information into innovative apps--mobile, online, or at locations.

Documentation

A full set of documentation is available on a Web page and in PDF format, including details about API query string parameters and more.

[Read Train Tracker Documentation Online](#) (or  [download PDF](#))

Apply for a key

You must first get a key to use our API. Use our [API Key Application Form](#) to request a key and we'll review your application as soon as possible. You should get a reply pretty quickly.

Things you should know

This service is in beta—it may not always be available and may change (see terms for complete details). Here are some notes about w



Level 2

"I'm starting to build out the processes around API access."



companies/:companyId

in the
as
body

Method Details

HTTP Methods: **PUT**

Content Type: application/json

Response Format: json

Requires Authentication? Yes

Rate Limited? Yes

Headers: User-Agent

Products: Marketing & CRM

	Description
Bearer	Used to authenticate the request.

```
0  
1 Example PUT URL:  
2 https://api.hubapi.com  
3  
4 Example Company JSON:  
5 {  
6   "properties": [  
7     {  
8       "name": "des  
9       "value": "A  
10    }  
11  ]  
12 }  
13  
14 Returns a 200  
15 object represent  
16 {  
17   "portalId"  
18   "additional  
19  
20 ],  
21 "propert  
22 "hs_lv
```



Level 3

"You can use my APIs with ease in any way you need."



lews

Developer Showcase

My Applications

Web API

User Guide

Beginner's Tutorial

API Endpoint Reference

API Console

Object Model

Authorization Guide

Using Scopes

Code Examples & Libraries

Playlist Guide

Track Relinking Guide

Migration Guide

Change Log

HTML Widgets

WEB API CODE EX

Here we link to some simple examples
to wrapper libraries for various lang

Topics

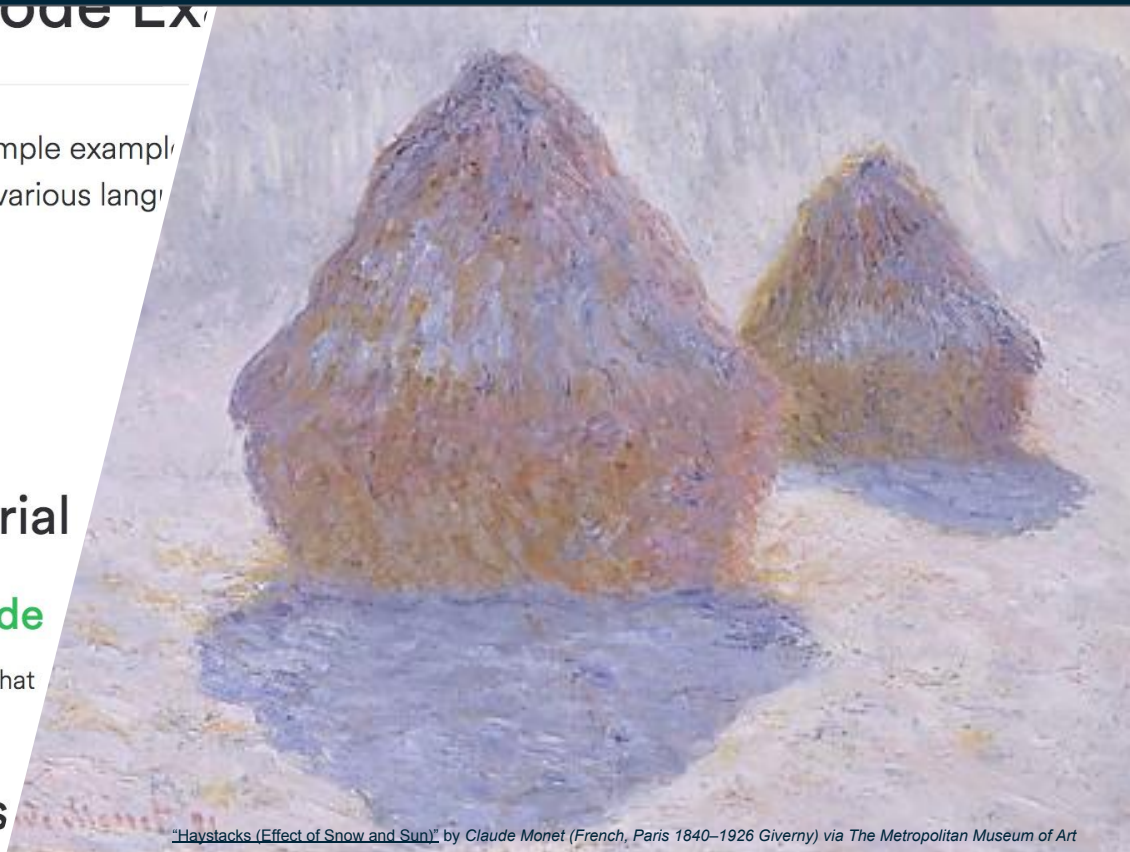
- [Web API Tutorial](#)
- [Basic snippets](#)
- [Example apps](#)
- [Libraries](#)

Web API Tutorial

Example App Code

This is the application code that
authorization flows.

Basic snippets



"Haystacks (Effect of Snow and Sun)" by Claude Monet (French, Paris 1840–1926 Giverny) via The Metropolitan Museum of Art

What should you do with the maturity model?

Score your
organization

Use the rubric to
target areas of
improvement

Convince your team
of where your API
program can go

Questions?

#APIWorld17 | Ben Rodriguez @APIchampion | Jenny Wanger @jennydove

Materials available at <http://developer.arity.com/maturity>

