

PLATRA

Maximilian
Griesser
Patrick
Mitterer
Felix Schett

Project Idea

Enviroment

API's

Google Maps
Google Places
Weatherbit

Infos

Workload
Potential Future
Work

LIVE DEMO

PLATRA

Maximilian Griesser
Patrick Mitterer
Felix Schett

January 26, 2018

Project Idea

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LIVE DEMO

- PLAnning TRAVel
- Time, Weather, Location
- Login to save
- Keep it simple

Enviroment

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LIVE DEMO

- Ruby on Rails
- Not much experience
- Great web framework
- Very simple

Software Stack

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- MySQL
- Docker
- React

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Google Maps

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LIVE DEMO

- JSON
- HTTP

Google Maps

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LIVE DEMO

JSON	Raw Data	Headers
Save	Copy	
▼ results:		
▼ 0:		
▼ address_components:		
▼ 0:		
long_name:	"Innsbruck"	
short_name:	"Innsbruck"	
▼ types:		
0:	"locality"	
1:	"political"	
▶ 1:	{...}	
▶ 2:	{...}	
▶ 3:	{...}	
formatted_address:	"Innsbruck, Austria"	
▼ geometry:		
▼ bounds:		
▼ northeast:		
lat:	47.3599301	
lng:	11.45593	
▼ southwest:		
lat:	47.210980000000001	
lng:	11.3016499	
▼ location:		
lat:	47.2692124	
lng:	11.4041024	
location_type:	"APPROXIMATE"	
▼ viewport:		
▼ northeast:		
lat:	47.3599301	
lng:	11.45593	
▼ southwest:		
lat:	47.210980000000001	
lng:	11.3016499	
place_id:	"ChIJc8r44c9unUcRDZsdKH0cIJ0"	
▼ types:		
0:	"locality"	
1:	"political"	
status:	"OK"	

Google Places

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LIVE DEMO

- 1000 Requests per day
- JSON
- HTTP

Google Places

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Environment

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LIVE DEMO

JSON	Raw Data	Headers
Save	Copy	
html_attributions: []		
next_page_token: "CqQCFwEAAGgiFu61XsoaCzFT_GKXgBrTMf98mLfC9-g-8Zdk"		
results:		
0:		
geometry:		
location:		
lat:	47.26634809999999	
lng:	11.4059569	
viewport:		
northeast:		
lat:	47.26774963029149	
lng:	11.4074391302915	
southwest:		
lat:	47.26505166970849	
lng:	11.4047411697085	
icon:		
id:	"https://maps.gstatic.com/mapfiles/place_api/icons/generic_recreational-71.png"	
id:	"fc727b28c1ecbcf4f270b10311958d26c4d173c4"	
name:	"Rapoldi Park"	
opening_hours:		
open_now:	true	
weekday_text:	[]	
photos:		
place_id:	"ChIJ-TRYZVZpnUcRt0jwYZSpsZE"	
rating:	3.7	
reference:	"CmRSAAAAG9BVSuVhZAV0gTallT9jY7QA72fj5jopy850dZZA"	
scope:	"GOOGLE"	
types:		
0:	"park"	
1:	"point_of_interest"	
2:	"establishment"	
vicinity:		
1:	[-]	
2:	[-]	
3:	[-]	
4:	[-]	
5:	[-]	
6:	[-]	
7:	[-]	

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- 16 days
- JSON
- HTTP

Weatherbit

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JSON	Raw Data	Headers
Save	Copy	
▼ data:		
▼ 0:		
wind_cdir:	"SW"	
rh:	66	
wind_spd:	0	
pop:	0	
wind_cdir_full:	"southwest"	
slp:	1027	
app_max_temp:	3.6	
pres:	866.9	
dewpt:	-5.6	
snow:	0	
uv:	2	
ts:	1516795200	
wind_dir:	225	
▼ weather:		
icon:	"c02d"	
code:	"802"	
description:	"Scattered clouds"	
app_min_temp:	-1.4	
max_temp:	4	
snow_depth:	340	
precip:	0	
max_dhi:	463.2	
datetime:	"2018-01-24"	
temp:	0	
min_temp:	-0.5	
clouds:	48	
vis:	10	

Workload

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LIVE DEMO

- Maximilian Griesser and Patrick Mitterer - mostly backend development
- Felix Schett - frontend development
- workload was evenly distributed

Potential Future Work

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LIVE DEMO

- Add more APIs (e.g. TripAdvisor, Facebook Events)
- Include other services (e.g. Hotels, Flights)

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■ LIVE DEMO

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■ Thank you for your attention