

PRAB Benchmark - Structural Characteristics of the REST APIs

API Name	Reference	Availability	Authentication	Pricing	Limits	Number of Routes	Number of Query Parameters	GET	POST	PUT	DELETE	PATCH	OpenAPI URL	Chart Number
Amadeus Hotel [8][1]	https://developers.a	ONLINE	KEY	OPT	YES	48	47	37	13	0	1	0	https://www.postr	1
An API of Ice and Fire	https://anapioficear	ONLINE	NO	NO	YES	3	17	3	0	0	0	0	https://www.postr	2
Balldontlie [16]	https://www.balldon	ONLINE	KEY	OPT	YES	10	5	10	0	0	0	0	https://www.postr	3
Bing Maps [1]	https://www.bingmap	ONLINE	KEY	OPT	YES	NO OPENAPI OR PC	/	/	/	/	/	/	/	/
Bing Web Search [10]	https://www.microso	ONLINE	KEY	OPT	YES	1	13	1	0	0	0	0	https://github.com	4
BitBucket [4]	https://developer.at	ONLINE	KEY	OPT	YES	185	163	171	48	47	53	0	https://static-static	5
Bored [16]	https://www.boreda	DOES NOT EXIS	/	/	/	/	/	/	/	/	/	/	/	/
Catwatch [2][9][11]	https://github.com/	LOCAL	NO	NO	NO	6	8	6	0	0	0	0	https://github.com	6
CheapShark [16]	https://apidocs.che	ONLINE	NO	NO	YES	4	6	4	0	0	0	0	https://apidocs.cf	7
CoatCap [16]	https://docs.colnso	ONLINE	NO	NO	YES	10	4	10	0	0	0	0	https://docs.colnso	8
CWA Verification Serv	https://github.com/	LOCAL	NO	NO	NO	5	0	0	5	0	0	0	https://github.com	9
Cyclotron [11]	https://github.com/	LOCAL	NO	NO	NO	40	7	29	14	4	3	0	https://github.com	10
Datamuse [16]	https://www.datamu	ONLINE	NO	NO	NO	2	25	2	0	0	0	0	NO OPENAPI OR	11
Demo Blog Server [2]	https://github.com/	NOT IN ENGLIS	/	/	/	/	/	/	/	/	/	/	/	/
DHL Shipment Tracker	https://developer.dl	ONLINE	KEY	NO	NO	1	8	1	0	0	0	0	https://developer	12
DigDag [12]	https://docs.digdag	LOCAL	NO	NO	NO	35	14	29	5	3	2	0	https://github.com	13
Disease SH [11]	https://disease.sh	BOTH	NO	NO	NO	41	7	41	0	0	0	0	https://disease.sh	14
EnviroCar [12]	https://envirocar.gi	BOTH	KEY	NO	NO	53	40	52	15	4	8	0	https://envirocar.i	15
ERC-20 RESTful Serv	https://github.com/	LOCAL	NO	NO	NO	13	0	8	5	0	0	0	https://github.com	16
eShopOnContainers [1]	https://github.com/	DEPRECATED	/	/	/	/	/	/	/	/	/	/	/	/
FDIC [6][13]	https://github.com/	LOCAL	NO	NO	NO	8	15	8	0	0	0	0	https://www.postr	17
Features Service [2]	https://github.com/	LOCAL	NO	NO	NO	11	0	6	6	1	5	0	https://github.com	18
ForTe [10]	https://restdocs.for	ONLINE	KEY	NO	YES	POSTMAN TRANS	/	/	/	/	/	/	https://restdocs.f/	/
Foursquare [6][8][10]	https://docs.foursq	ONLINE	KEY	OPT	YES	21	78	15	6	0	0	0	https://www.postr	19
GBIF Species [16]	https://techdocs.gb	ONLINE	NO	NO	NO	26	37	26	1	0	0	0	https://techdocs.f	20
Genome Nexus [3][1]	https://docs.genom	BOTH	NO	NO	NO	22	6	13	10	0	0	0	https://www.geno	21
Gestao Hospital [11]	https://github.com/	LOCAL	NO	NO	NO	13	4	10	10	3	2	0	https://github.com	22
GitHub [8][10][17][19]	https://docs.gitlab	ONLINE	KEY	OPT	YES	638	76	510	154	91	154	56	https://github.com	23
GitLab [11]	https://docs.gitlab	ONLINE	KEY	OPT	YES	48	18	33	14	14	11	0	https://gitlab.com	24
Google Geocoding [1]	https://developers.g	ONLINE	KEY	OPT	YES	1	10	1	0	0	0	0	https://www.postr	25
Google Maps [10]	https://developers.g	ONLINE	KEY	OPT	YES	MULTIPLE APIS	/	/	/	/	/	/	https://www.postr	/
GraphHopper [14]	https://docs.graphh	ONLINE	KEY	OPT	YES	14	40	8	9	0	1	0	https://docs.graph	26
Gremlin.io [12]	https://github.com/	API IS NOT RES	/	/	/	/	/	/	/	/	/	/	/	/
Ind0 [9][11]	ANONYMIZED / IN	/	/	/	/	/	/	/	/	/	/	/	/	/
Kafka REST Proxy [1]	https://github.com/	LOCAL	NO	NO	NO	38	37	32	8	3	5	1	https://github.com	27
LanguageTool [3][4][1]	https://languagetoo	ONLINE	KEY	OPT	YES	5	0	2	3	0	0	0	https://github.com	28
Magento [4]	https://developer.a	LOCAL	NO	NO	NO	446	63	234	190	79	53	0	https://developer	29
Management API for A	https://github.com/	LOCAL	NO	NO	NO	56	25	19	38	1	2	0	https://raw.github	30
Marvel [6][17]	https://developer.m	ONLINE	KEY	NO	YES	39	38	39	0	0	0	0	https://gateway.r	31
OCVN [3][11][12][13]	https://github.com/	LOCAL	NO	NO	NO	96	26	96	96	0	0	0	https://github.com	32
Ohsome [6][12][13][2]	https://docs.ohsom	ONLINE	NO	NO	NO	61	18	61	61	0	0	0	https://github.com	33
OMDb [6][13][14][16]	https://www.omdba	ONLINE	KEY	OPT	YES	1	11	1	0	0	0	0	https://github.com	34
Open Brewery DB [1]	https://www.openbr	ONLINE	NO	NO	NO	5	8	5	0	0	0	0	https://app.getpoi	35
Openverse [20]	https://api.openver	ONLINE	KEY	NO	YES	18	28	14	4	0	0	0	https://api.openver	36
Password Utility [14]	https://passwordutil	DOES NOT EXIS	/	/	/	/	/	/	/	/	/	/	/	/
PayPal (Invoices) [10]	https://developer.pa	ONLINE	KEY	NO	NO	14	6	4	10	2	4	0	https://github.com	37
Person Controller [3]	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
PetClinic [16][20][22]	https://github.com/	LOCAL	NO	NO	NO	17	1	14	9	7	6	0	https://github.com	38
PetStore [4][14][20][22]	https://github.com/	LOCAL	NO	NO	NO	13	6	8	6	2	3	0	https://petstore3.	39
Piggy Metrics [21]	https://github.com/	LOCAL	NO	NO	NO	11	0	7	1	3	0	0	NO OPENAPI OR	40
Problem Controller [1]	NOT FOUND, NO	/	/	/	/	/	/	/	/	/	/	/	/	/
Project Tracking Syste	NOT FOUND, NO	/	/	/	/	/	/	/	/	/	/	/	/	/
ProxyPrint [28][39][1]	https://github.com/	LOCAL	NO	NO	NO	79	0	48	30	14	10	4	https://github.com	41
Quartz Manager [12]	https://github.com/	LOCAL	NO	NO	NO	5	4	2	0	0	1	0	https://github.com	42
Random User Generat	https://randomuser	ONLINE	NO	NO	NO	1	12	1	0	0	0	0	https://documentste	43
Realworld App [11][22]	https://github.com/	LOCAL	NO	NO	NO	12	3	7	6	2	4	0	https://github.com	44
Refuge Restrooms [1]	https://www.refuge	ONLINE	NO	NO	NO	4	12	4	0	0	0	0	https://www.refug	45
ReqRes [16]	https://reqres.in	ONLINE	NO	NO	NO	7	5	4	3	2	2	2	https://www.postr	46
REST Countries [3][9]	https://restcountries	ONLINE	NO	NO	NO	22	16	22	0	0	0	0	https://github.com	47
REST Faults [11]	https://github.com/	LOCAL	NO	NO	NO	4	0	4	1	2	1	0	https://github.com	48
REST Market [3]	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
REST NCs [3][9][11]	https://github.com/	LOCAL	NO	NO	NO	6	0	6	0	0	0	0	https://github.com	49
REST News [2][3][9][1]	https://github.com/	LOCAL	NO	NO	NO	6	2	3	1	3	0	0	https://github.com	50
REST SCS [3][9][11]	https://github.com/	LOCAL	NO	NO	NO	11	0	11	0	0	0	0	https://github.com	51
RESTful Web Service	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
Scout API [2][3][7][9]	https://github.com/	LOCAL	NO	NO	NO	21	25	21	10	7	9	2	https://github.com	52
Serzing [12]	https://serzing.zen	LOCAL	NO	NO	NO	31	29	25	7	1	1	0	https://github.com	53
SockShop [20]	https://github.com/	LOCAL	NO	NO	NO	NO OPENAPI OR PC	/	/	/	/	/	/	/	/
SpaceX API [11]	https://github.com/	ONLINE	KEY	NO	NO	41	0	29	21	0	11	13	https://github.com	54
Spotify [6][13][17][19]	https://developer.sp	ONLINE	KEY	NO	YES	68	63	59	5	17	0	0	https://github.com	55
Spree Commerce [4]	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
Spring Batch Test [3]	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
Spring Boot Sample A	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
Steno [5][9][11][24]	https://docs.steno	ONLINE	KEY	NO	YES	388	138	257	271	0	32	0	https://github.com	56
Tumblr [9][10]	https://www.tumblr	ONLINE	KEY	NO	YES	16	19	10	6	0	0	0	https://www.postr	57
Ur-Codebin [12]	https://mathew.alo	ONLINE	KEY	NO	NO	6	6	3	3	0	1	0	https://mathew.as	58
User Management [3]	NOT FOUND, NO I	/	/	/	/	/	/	/	/	/	/	/	/	/
UserRegistry [20]	https://github.com/	LOCAL	NO	NO	NO	TOOL INSTALL DOE	/	/	/	/	/	/	https://github.com/	/

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API Name	Reference	Availability	Authentication	Pricing	Limits	Number of Routes	Number of Query Parameters	GET	POST	PUT	DELETE	PATCH	OpenAPI URL	Chart Number									
Yelp [5][6][8][10][17]	https://docs.developers.yelp.com/docs/	ONLINE	KEY	OPT	YES	6	3	6	0	0	0	0	0	https://www.postman.com/yelp/	59								
YouTube [5][6][8][13]	https://developers.google.com/youtube/v3/	ONLINE	KEY	NO	YES	46	71	20	11	0	0	15	0	https://www.postman.com/youtube/	60								