

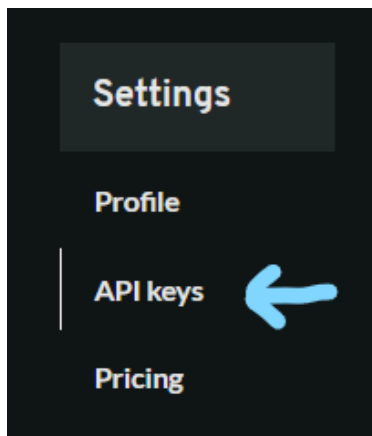


1. Executive Summary

This document provides instructions to DeFiSafety subscribers on how to call the Process Quality Reviews' (PQRs) API.

2. API Key

When you subscribe to the DeFiSafety APIs, you will automatically receive an API Key that can be viewed in your account:



This API key needs to be added as an X-API-Key header to any query you do.

3. URLs and Endpoints

The main URL you will be calling via the GET method is <https://api2.defisafety.com>, and there are three different endpoints you can add to the above URL:

- /pqrs
 - This endpoint will return the list of all our reviewed protocols, their overall score, scores for all the review sections, token address, and more
 - Query example: <https://api2.defisafety.com/pqrs>
 - It is possible that your software or interface defaults to a limited view of the reviewed protocols' list. If this scenario arises, simply add `?limit=-1` to the end of your query, and it will output an unlimited view
 - Query example: <https://api2.defisafety.com/pqrs/?limit=-1>
 - Additionally, you may add any limit increments you may need
 - Query example: <https://api2.defisafety.com/pqrs/?limit=10>
 - Query example: <https://api2.defisafety.com/pqrs/?limit=50>



- Query example: <https://api2.defisafety.com/pqrs/?limit=100>
- Etc.
- See Appendix for query result example
- **/pqrs/id**
 - This endpoint allows you to search for a protocol in our API per its respective ID. All reviews have a corresponding ID, and these can be found in the accompanying excel sheet you will receive alongside this cheat sheet
 - Query example: <https://api2.defisafety.com/pqrs/469> (will return Bancor V3)
 - See Appendix for query result example

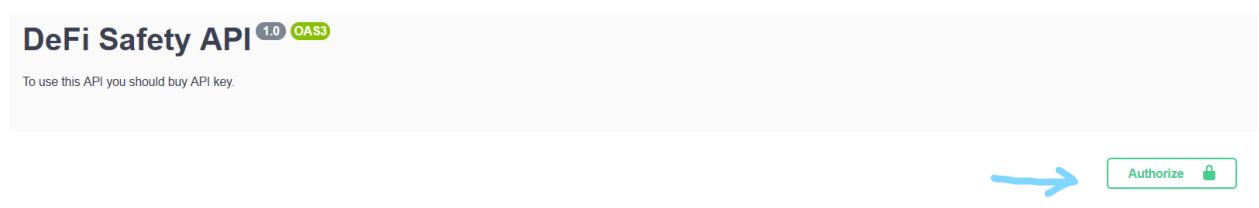
4. Swagger UI

Swagger UI is the main API interface offered to our subscribers. In short, it allows you to visualize and interact with the API's resources without needing to write any of the core implementation.

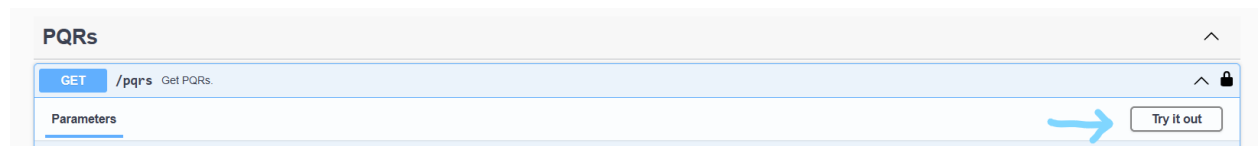
The URL to access it is:

- <https://api2.defisafety.com/pqrs-api/#/>

Once you're on one of the pages, make sure to authenticate yourself by pasting your API key in the required field:



And then clicking on "try it out" to unlock the API interface:





Once you have done that, you are ready to start using the interface. Simply fill in the fields you want with the values you need, and the interface will take care of the rest.

For example, this configuration:

PQRs

GET /pqr Get PQRs

Parameters

Cancel

Name	Description
search string (query)	Search by project name substring (ex: "shiSwap"). Registry independent: "SushiSwap" and "susHisWAp" will provide the same result
category array[integer] (query)	List of categories to include. Get all chains by default.
chain array[integer] (query)	List of chains to include. Get all chains by default
tokenAddress array[string] (query)	List of addresses to include. Get all chains by default
status string (query)	--
reviewStatus string (query)	--
orderBy string (query)	--
order string (query)	"DESC" by default (if "order" is provided).
offset number (query)	0
limit number (query)	10

Execute Clear

Returns the corresponding query result:

```
{
  "offset": 0,
  "limit": 10,
  "total": 2,
  "data": [
    {
      "id": 354,
      "version": "0.8",
      "title": "Yearn",
      "ethAddress": null,
      "tokenAddress": "0x0c529c00c6401aef6d2208e8c6a1667f6ad93e",
      "status": "Active",
      "reviewStatus": "Completed",
      "overallScore": 93,
      "penaltyScore": null,
      "finalScore": 93,
      "imageurl": "https://defi-safety.s3.amazonaws.com/Logo_b6ab79c848.png",
      "url": "https://www.defisafety.com/pqr/354",
      "date": "2022-02-23",
      "chain": [
        {
          "id": 1,
          "name": "Arbitrum",
          "image": {
            "width": 24,
            "height": 24,
            "mime": "image/png",
            "url": "https://defi-safety.s3.amazonaws.com/Arbitrum_9f675a1bea.png"
          }
        }
      ]
    }
  ]
}
```

Download



5. API Calls Appendix

```
1 25
2   "total": 272,
3   "data": [
4     {
5       "_id": 449,
6       "version": "0.8",
7       "title": "Rari Capital",
8       "ethAddress": null,
9       "tokenAddress": "0xc7283b66Eb1EB5FB86327f08e1B5816b0720212B",
10      "status": "Active",
11      "reviewStatus": "Completed",
12      "overallScore": 55,
13      "penaltyScore": 25,
14      "finalScore": 30,
15      "imageUrl": "https://defi-safety.s3.amazonaws.com/small_logo_80fe92a442.png",
16      "url": "https://www.defisafety.com/pqrs/449",
17      "date": "2022-06-02",
18      "chain": [
40      "categories": [
41        "Yield Farming",
42        "Lending / Borrowing"
43      ],
44      "breakdowns": [
45        {
46          "id": "1fa7d6a1-b776-4494-8c19-a0abbdf152a8",
47          "name": "Smart Contracts & Team",
48          "percentage": 93
49        },
50        {
51          "id": "abe9ab40-e214-49a2-9010-77a6501d14e7",
52          "name": "Documentation",
53          "percentage": 96
54        },
55        {
56          "id": "fbc7589d-f766-4524-8670-11227d4cc93e",
57          "name": "Testing",
58          "percentage": 42
59        },
60        {
61          "id": "daacdd6e-2583-4abf-ad6f-74892799cd23",
62          "name": "Security",
63          "percentage": 91
64        },
65        {
66          "id": "7d9b2781-eeb3-4044-873e-397d2b45eebe",
67          "name": "Admin Controls",
68          "percentage": 0
69        },
70        {
71          "id": "09fa4034-9ed7-4d5b-82a8-b8347d69ff2c",
72          "name": "Oracles",
73          "percentage": 25
74        }
75      ],
76    ]
77  ]
78 }
```