

# PicoLog Cloud Public API

## 1. Basic setup, channel IDs, last recorded value and channel names.

### URL Syntax

`https://api.picolog.app/v1/channels/{share-id}`

`share-id` - Unique capture ID from sharing screen

### Returns:

```
[
  {
    "id": "435123983502303",
    "name": "Channel 1",
    "value": 21.25,
  },
  {
    "id": "359823975393350",
    "name": "Channel 3",
    "value": 34.1,
  }
]
```

## 2. Request a block of capture data with start and end time parameters for the specified channel(s)

### URL Syntax

`https://api.picolog.app/v1/samples/{share-id}/{channel-id}/{start-time}/{end-time}`

`share-id` - Unique capture ID from sharing screen

`channel-id` - Channel ID from above

`start-time` - UTC Unix epoch start time

`end-time` - UTC Unix epoch end time

**Note:** All times are in UTC

### Returns:

```
[
  ["2021-05-04T05:55:46Z": 24.6],
  ["2021-05-04T05:55:47Z": 24.7],
  ["2021-05-04T05:55:48Z": 24.8],
  ["2021-05-04T05:55:49Z": 24.8]
]
```

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### 3. Most software/ programming languages can process URL and text based web pages

Examples-

"postman" desktop app/web app

<https://www.postman.com/product/what-is-postman/>

Programming languages

Python

C#

etc

Database engines

Microsoft SQL server

MySQL

Amazon Relational Database Service

Oracle RDBMS