Google API Documentation

admob API Documentation

Version: v1

The AdMob API allows publishers to programmatically get information about their AdMob account.

Google API Documentation

Endpoint: accounts.get

HTTP Method: GET

Path: v1/{+name}

Description: Gets information about the specified AdMob publisher account.

AI-Generated Documentation

1. Friendly Technical Description with Common Use Cases

The `GET admob.accounts.get` endpoint allows you to retrieve the details of a specific AdMob account. This endpoint is useful for managing your AdMob accounts and accessing account-specific information.

Common Use Cases:

* Retrieve account details to verify ownership or manage account settings.
* Get account-specific metrics and reports.
* Integrate AdMob with other systems or platforms.

2. Example Request with Placeholder Values

```
GET https://admob.googleapis.com/v1/accounts/pub-1234567890
```

Replace `pub-1234567890` with the ID of the AdMob account you want to retrieve.

3. Common Parameters and Their Purposes

* **name**: The name of the AdMob account to retrieve. The format is `accounts/{account_id}`, where `{account_id}` is the ID of the account.

Example Code

```python
from google.cloud import admob_v1


def get_account(account_id: str) -> admob_v1.Account:
    """
    Gets an account.

    Args:
        account_id: The ID of the account to get.

    Returns:
        The account.
```

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```
    """

    client = admob_v1.AdMobServiceClient()

    # Construct request
    request = admob_v1.GetAccountRequest(name=f"accounts/{account_id}")

    # Make the request
    response = client.get_account(request=request)

    # Return the account
    return response


```
```

Google API Documentation

Endpoint: accounts.list

HTTP Method: GET

Path: v1/accounts

Description: Lists the AdMob publisher account that was most recently signed in to from the AdMob UI. For more information, see https://support.google.com/admob/answer/10243672.

AI-Generated Documentation

1. Friendly Technical Description with Common Use Cases

The `GET admob.accounts.list` endpoint allows you to retrieve a list of all AdMob accounts that you have access to. This endpoint is useful for managing multiple AdMob accounts, such as when you need to create reports or make changes to your account settings.

2. Example Request with Placeholder Values

```
GET https://admob.googleapis.com/v1/accounts
Authorization: Bearer [YOUR_ACCESS_TOKEN]
```

3. Common Parameters and Their Purposes

The following are the most common parameters used with the `GET admob.accounts.list` endpoint:

* **page_size:** The maximum number of accounts to return. The service may return fewer than this value. If unspecified, at most 100 accounts will be returned. The maximum value is 100; values above 100 will be coerced to 100.
* **page_token:** A page token, received from a previous `ListAccounts` call. Provide this to retrieve the subsequent page. When paginating, all other parameters provided to `ListAccounts` must match the call that provided the page token.

Example Code

```python
from google.cloud import admob_v1


def list_accounts(page_size: int = 100) -> None:
    """
    Lists all AdMob accounts associated with the current user.

    Args:
        page_size: The maximum number of accounts to return.
    """
```

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```python
client = admob_v1.AdMobServiceClient()

# Make the request.
response = client.list_accounts(
    request={"page_size": page_size}
)

# Process the response.
for account in response.accounts:
    print(f"Account: {account.name}")


```
```

Google API Documentation

Endpoint: accounts.networkReport.generate

HTTP Method: POST

Path: v1/{+parent}/networkReport:generate

Description: Generates an AdMob Network report based on the provided report specification. Returns result of a server-side streaming RPC. The result is returned in a sequence of responses.

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1. Friendly Technical Description with Common Use Cases

The `POST admob.accounts.networkReport.generate` endpoint generates a report of the publisher's ad activity. The report is generated in CSV format and can be downloaded from the returned URL.

Common use cases include:

* Generating a report of ad activity for a specific date range
* Generating a report of ad activity for a specific app or ad unit
* Generating a report of ad activity for a specific country or region

2. Example Request with Placeholder Values

```
POST https://admob.googleapis.com/v1/accounts/{account_id}/networkReport:generate
{
  "reportSpec": {
    "dateRange": {
      "startDate": "2022-01-01",
      "endDate": "2022-01-31"
    },
    "dimensions": [
      "APP",
      "AD_UNIT"
    ],
    "metrics": [
      "IMPRESSIONS",
      "CLICKS"
    ],
    "dimensionFilters": [
      {
        "dimension": "APP",
        "values": [
          "app-id-1",
          "app-id-2"
        ]
      }
    ]
```

```
  }
}
```

3. Common Parameters and Their Purposes

The following are common parameters used in the `POST admob.accounts.networkReport.generate` endpoint:

* **account_id**: The ID of the account to generate the report for.
* **reportSpec**: A `ReportSpec` object that specifies the date range, dimensions, metrics, and dimension filters for the report.
  * **dateRange**: A `DateRange` object that specifies the start and end dates for the report.
  * **dimensions**: A list of dimensions to include in the report.
  * **metrics**: A list of metrics to include in the report.
  * **dimensionFilters**: A list of dimension filters to apply to the report.

Example Code

```python
from google.cloud import admob_v1


# TODO(developer): Uncomment these variables before running the sample.
# account_id = 'ca-app-pub-1234567890'
# report_spec_id = '1234567890'
# start_date = '2020-01-01'
# end_date = '2020-01-31'
# output_file = 'path/to/output/file.csv'

client = admob_v1.AdMobServiceClient()

request = admob_v1.GenerateNetworkReportRequest(
    account_id=account_id,
    report_spec_id=report_spec_id,
    start_date=start_date,
    end_date=end_date,
)

# Initialize request argument(s)
output_config = admob_v1.OutputConfig()
output_config.file_path = output_file

try:
    response = client.generate_network_report(request=request, output_config=output_config)
    print(f"Report generated successfully: {response.result}")
except Exception as e:
    print(f"Error generating report: {e}")
```

Google API Documentation

Endpoint: accounts.mediationReport.generate

HTTP Method: POST

Path: v1/{+parent}/mediationReport:generate

Description: Generates an AdMob Mediation report based on the provided report specification. Returns result of a server-side streaming RPC. The result is returned in a sequence of responses.

AI-Generated Documentation

1. Friendly technical description with common use cases.

The `POST admob.accounts.mediationReport.generate` method in `admob` generates an AdMob Mediation Report for the account specified by the account ID. Reports are generated in CSV format. The report contains statistics for all the ad sources that the account has access to.

Common use cases:

* Get a report of all the ad sources that an account has access to.
* Get statistics for a specific ad source.
* Compare the performance of different ad sources.

2. Example request with placeholder values.

```
POST https://admob.googleapis.com/v1/accounts/pub-1234567890/mediationReport:generate
{
  "dateRange": {
    "startDate": {
      "year": 2020,
      "month": 1,
      "day": 1
    },
    "endDate": {
      "year": 2020,
      "month": 1,
      "day": 31
    }
  },
  "dimensions": [
    "AD_SOURCE",
    "APP",
    "COUNTRY"
  ],
  "metrics": [
    "AD_REQUESTS",
    "AD_REQUESTS_CTR",
    "AD_REQUESTS_FILL_RATE",
```

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```
    "AD_REQUESTS_RPM",
    "AD_REQUESTS_ECPM",
    "AD_REQUESTS_IMPRESSION_RATE",
    "AD_REQUESTS_COVERAGE",
    "AD_REQUESTS_MEDIATION_FILL_RATE",
    "AD_REQUESTS_REVENUE",
    "AD_REQUESTS_ECPM_FLOOR",
    "AD_REQUESTS_ECPM_CEILING"
  ]
}
```

3. Common parameters and their purposes.

* `dateRange`: The date range for which to generate the report. The start date must be less than or equal to the end date. The start date must be within the last 90 days.
* `dimensions`: The dimensions to include in the report. The following dimensions are available:
    * `AD_SOURCE`
    * `APP`
    * `COUNTRY`
* `metrics`: The metrics to include in the report.

Google API Documentation

Endpoint: accounts.apps.list

HTTP Method: GET

Path: v1/{+parent}/apps

Description: List the apps under the specified AdMob account.

Google API Documentation

Endpoint: accounts.adUnits.list

HTTP Method: GET

Path: v1/{+parent}/adUnits

Description: List the ad units under the specified AdMob account.