**The Movie Database API**

**Introduction**

Below you will find a current list of the available methods on our movie, tv (television), actor and image API. If you need help or support, please head over to our [talk page](https://www.themoviedb.org/talk/category/5047958519c29526b50017d6). To register for an API key, head into your [account page](https://www.themoviedb.org/account) on TMDb and generate a new key from within the "API" section found in the left hand sidebar.

**Useful Links**

* [API Support](https://www.themoviedb.org/talk/category/5047958519c29526b50017d6)
* [Google+ Developer Group](http://j.mp/TMDbDevelopers)
* [Pingdom](http://stats.pingdom.com/jatptlnse0fd/520297)

To be notified about our service status and deprecation notices, please join our Google+ community.

**New! TV (Oct. 25, 2013)**

Our TV API has just been released. It's currently out of preview and stable. If you have any questions or comments about this, stop by the [API support forum](https://www.themoviedb.org/talk/category/5047958519c29526b50017d6) and let us know.

**Terms of Use**

By using our API you are agreeing to our terms of use. You can read it [here](https://www.themoviedb.org/about/api-terms).

**Third Party Libraries**

There are a number of community contributed libraries. You can check them out [here](https://www.themoviedb.org/documentation/api/wrappers-libraries).

**JSON & JSONP Response Format**

Unlike previous versions of the API, v3 only supports a single format, JSON. XML and YAML support are being officially dropped. JSONP is also officially supported, just add a callback parameter to your request and the response will be encapsulated in the value you specified.

**Request Rate Limiting**

We do enforce a small amount of rate limiting. Our current limits are 40 requests every 10 seconds and are limited by IP address, not API key. You can use the 'X-RateLimit' headers that get returned with every request to keep track of your current limits. If you exceed the limit, you will receive a 429 HTTP status with a 'Retry-After' header. As soon your cool down period expires, you are free to continue making requests.

**Status Codes**

At different times while using our API you might come across an error and/or status code. For a detailed look at what these codes mean, [check out the list](https://www.themoviedb.org/documentation/api/status-codes) on our website.

**HTTPS / SSL**

v3 now supports SSL. Just make an https:// call instead of http:// and you're all set.

**Required Parameters**

Every request needs a valid API key and you can set this value as an HTTP parameter. A full request example looks like so:

https://api.themoviedb.org/3/movie/550?api\_key=###

**Languages**

Our API supports translations just be aware that we no longer fall back to English in the event that a field hasn't been translated. If you make a request for the German translation and the overview hasn’t been translated, the field will be empty. There’s a few reasons for this but the main one is that in an effort to encourage users to add data to TMDb, it’s important for them to see when the data is missing.

If you want to fall back to English, you can make the separate call yourself and fill in missing data.

**Image Languages**

* poster\_path: The poster\_path will query the language you specify first and default back to 'en' if one is not found. In the event that an 'en' poster isn't present, we will simply try to grab the highest rated.
* backdrop\_path: Since 99% of backdrops don't contain a language so to speak, we simply query for the highest rated backdrop that belongs to the given entry.
* still\_path: Like backdrops, TV episode images don't inherently have languages so to speak. We query for the highest rated.

In the event you query one of the distinct /image methods, there is a new way you can query additional languages for images. Think of this as kind of like a fallback. This is especially useful to grab 2 things. First, finding the backdrops and posters in a users specified language but also to grab all of the images that *haven't* been tagged yet. Here's an example:

https://api.themoviedb.org/3/movie/550/images?api\_key=###&language=en&include\_image\_language=en,null

Notice the include\_image\_language parameter. We're looking for all images that match English and those that haven't been set (null).

**Appending Responses**

The [movie](http://docs.themoviedb.apiary.io/#movies), [tv](http://docs.themoviedb.apiary.io/#tv) and [person](http://docs.themoviedb.apiary.io/#person) methods support a new parameter called append\_to\_response. When this parameter is present, the API will make an additional request behind the scenes to fetch the data you're asking for. A simple example would be if you wanted the default movie, release and trailer data. Until now, you would have to issue three separate requests. Now, you can issue one. Here's what that request looks like:

https://api.themoviedb.org/3/movie/550?api\_key=###&append\_to\_response=releases,trailers

This request is the same as making these 3 separate requests, all we're doing is combining the responses into a single response for you. With this in mind, remember all parameters and responses will be the same as documented. Each appended request will map to an object in the JSON response with the same name.

You can of course pass the new include\_image\_language param to the images too!

https://api.themoviedb.org/3/movie/550?api\_key=###&append\_to\_response=images&include\_image\_language=en,null

**Configuration**

In an effort to lower our response sizes and add simplicity to the actual API methods, we are now using a central [configuration](http://docs.themoviedb.apiary.io/#configuration). The data provided with this method is required for building full image URLs, or getting a list of available image sizes.

**Apiary Transparent Proxy**

This is an optional service you can use to help troubleshoot requests. You are not required to use it in any capacity. In real world use, we expect you to use our production end point.

**Reference**

**Configuration**

**/configuration**

**Updated on Dec. 13, 2013**

Get the system wide configuration information. Some elements of the API require some knowledge of this configuration data. The purpose of this is to try and keep the actual API responses as light as possible. It is recommended you cache this data within your application and check for updates every few days.

This method currently holds the data relevant to building image URLs as well as the change key map.

To build an image URL, you will need 3 pieces of data. The base\_url, size and file\_path. Simply combine them all and you will have a fully qualified URL. Here’s an example URL:

http://image.tmdb.org/t/p/w500/8uO0gUM8aNqYLs1OsTBQiXu0fEv.jpg

|  |
| --- |
| **Required Parameters** |
| api\_key |

**[GET](http://docs.themoviedb.apiary.io/reference/configuration/configuration/get)**

**Account**

**/account**

Get the basic information for an account. You will need to have a [valid session id](http://docs.themoviedb.apiary.io/#authentication).

|  |
| --- |
| **Required Parameters** |
| api\_key |
| session\_id |

**[GET](http://docs.themoviedb.apiary.io/reference/account/account/get)**

**/account/{id}/lists**

Get the lists that you have created and marked as a favorite.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidlists/get)**

**/account/{id}/favorite/movies**

Get the list of favorite movies for an account.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | Only 'created\_at` is currently supported. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidfavoritemovies/get)**

**/account/{id}/favorite/tv**

Get the list of favorite TV series for an account.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | Only 'created\_at` is currently supported. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidfavoritetv/get)**

**/account/{id}/favorite**

Add or remove a movie to an accounts favorite list.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Required JSON Body** | |
| media\_type | movie | tv |
| media\_id | Integer |
| favorite | true | false |

**[POST](http://docs.themoviedb.apiary.io/reference/account/accountidfavorite/post)**

**/account/{id}/rated/movies**

Get the list of rated movies (and associated rating) for an account.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidratedmovies/get)**

**/account/{id}/rated/tv**

Get the list of rated TV shows (and associated rating) for an account.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidratedtv/get)**

**/account/{id}/rated/tv/episodes**

Get the list of rated tv episodes (and associated rating) for an account.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidratedtvepisodes/get)**

**/account/{id}/watchlist/movies**

Get the list of movies on an accounts watchlist.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidwatchlistmovies/get)**

**/account/{id}/watchlist/tv**

Get the list of TV series on an accounts watchlist.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| sort\_by | `created\_at.desc` or `created\_at.asc` |
| language | ISO 639-1 code. Without one set, we default to the language set in the requested account. |

**[GET](http://docs.themoviedb.apiary.io/reference/account/accountidwatchlisttv/get)**

**/account/{id}/watchlist**

Add or remove a movie to an accounts watch list.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| session\_id | |
| **Required JSON Body** | |
| media\_type | movie | tv |
| media\_id | Integer |
| watchlist | true | false |

**[POST](http://docs.themoviedb.apiary.io/reference/account/accountidwatchlist/post)**

**Authentication**

**/authentication/token/new**

This method is used to generate a valid request token for user based authentication. A request token is required in order to request a session id. You can read more about this process [here](https://www.themoviedb.org/documentation/api/sessions).

You can generate any number of request tokens but they will expire after 60 minutes. As soon as a valid session id has been created the token will be destroyed.

|  |
| --- |
| **Required Parameters** |
| api\_key |

**[GET](http://docs.themoviedb.apiary.io/reference/authentication/authenticationtokennew/get)**

**/authentication/token/validate\_with\_login**

Once you have a valid request token you can use this method to authenticate a user with a TMDb username and password. You can authenticate a request token 2 different ways, both are outlined [here](https://www.themoviedb.org/documentation/api/sessions).

The user must have a verified email address and be registered on TMDb. As soon as the request token has been verified and attached to a user, the request token will be invalidated.

|  |
| --- |
| **Required Parameters** |
| api\_key |
| request\_token |
| username |
| password |

**[GET](http://docs.themoviedb.apiary.io/reference/authentication/authenticationtokenvalidatewithlogin/get)**

**/authentication/session/new**

This method is used to generate a session id for user based authentication. A session id is required in order to use any of the write methods.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| request\_token | The request token parameter is the token you generated for the user to approve. The token needs to be approved by the user before being used here. You can read more about this process [here](https://www.themoviedb.org/documentation/api/sessions). |

**[GET](http://docs.themoviedb.apiary.io/reference/authentication/authenticationsessionnew/get)**

**/authentication/guest\_session/new**

This method is used to generate a guest session id.

A guest session can be used to rate movies without having a registered TMDb user account. You should only generate a single guest session per user (or device) as you will be able to attach the ratings to a TMDb user account in the future. There is also IP limits in place so you should always make sure it's the end user doing the guest session actions.

If a guest session is not used for the first time within 24 hours, it will be automatically discarded.

|  |
| --- |
| **Required Parameters** |
| api\_key |

**[GET](http://docs.themoviedb.apiary.io/reference/authentication/authenticationguestsessionnew/get)**

**Certifications**

**/certification/movie/list**

Get the list of supported certifications for movies. These can be used in conjunction with the certification\_country and certification.lte parameters when using discover.

|  |
| --- |
| **Required Parameters** |
| api\_key |

**[GET](http://docs.themoviedb.apiary.io/reference/certifications/certificationmovielist/get)**

**/certification/tv/list**

Get the list of supported certifications for tv shows.

|  |
| --- |
| **Required Parameters** |
| api\_key |

**[GET](http://docs.themoviedb.apiary.io/reference/certifications/certificationtvlist/get)**

**Changes**

**/movie/changes**

Get a list of movie ids that have been edited. By default we show the last 24 hours and only 100 items per page. The maximum number of days that can be returned in a single request is 14. You can then use the [movie changes API](http://docs.themoviedb.apiary.io/#get-%2F3%2Fmovie%2F%7Bid%7D%2Fchanges) to get the actual data that has been changed.

**Please note:** the change log system to support this was changed on October 5, 2012 and will only show movies that have been edited since.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| start\_date | YYYY-MM-DD |
| end\_date | YYYY-MM-DD |

**[GET](http://docs.themoviedb.apiary.io/reference/changes/moviechanges/get)**

**/person/changes**

Get a list of people ids that have been edited. By default we show the last 24 hours and only 100 items per page. The maximum number of days that can be returned in a single request is 14. You can then use the [person changes API](http://docs.themoviedb.apiary.io/#get-%2F3%2Fperson%2F%7Bid%7D%2Fchanges) to get the actual data that has been changed.

**Please note:** the change log system to support this was changed on October 5, 2012 and will only show people that have been edited since.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| start\_date | YYYY-MM-DD |
| end\_date | YYYY-MM-DD |

**[GET](http://docs.themoviedb.apiary.io/reference/changes/personchanges/get)**

**/tv/changes**

Get a list of TV show ids that have been edited. By default we show the last 24 hours and only 100 items per page. The maximum number of days that can be returned in a single request is 14. You can then use the [TV changes API](http://docs.themoviedb.apiary.io/#get-%2F3%2Ftv%2F%7Bid%7D%2Fchanges) to get the actual data that has been changed.

**Please note:** the change log system to properly support TV was updated on May 13, 2014. You'll likely only find the edits made since then to be useful in the change log system.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| start\_date | YYYY-MM-DD |
| end\_date | YYYY-MM-DD |

**[GET](http://docs.themoviedb.apiary.io/reference/changes/tvchanges/get)**

**Collections**

**/collection/{id}**

Get the basic collection information for a specific collection id. You can get the ID needed for this method by making a [/movie/{id}](http://docs.themoviedb.apiary.io/#get-%2F3%2Fmovie%2F%7Bid%7D) request and paying attention to the belongs\_to\_collection hash.

Movie parts are not sorted in any particular order. If you would like to sort them yourself you can use the provided release\_date.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| language | ISO 639-1 code. |
| append\_to\_response | Comma separated, any collection method |

**[GET](http://docs.themoviedb.apiary.io/reference/collections/collectionid/get)**

**/collection/{id}/images**

Get all of the images for a particular collection by collection id.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| language | ISO 639-1 code. |
| append\_to\_response | Comma separated, any collection method |
| include\_image\_language | Comma separated, a valid ISO 69-1. Maximum 5 per request. |

**[GET](http://docs.themoviedb.apiary.io/reference/collections/collectionidimages/get)**

**Companies**

**/company/{id}**

This method is used to retrieve all of the basic information about a company.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| append\_to\_response | Comma separated, any company method |

**[GET](http://docs.themoviedb.apiary.io/reference/companies/companyid/get)**

**/company/{id}/movies**

Get the list of movies associated with a particular company.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| page | Minimum 1, maximum 1000. |
| language | ISO 639-1 code. |
| append\_to\_response | Comma separated, any company method |

**[GET](http://docs.themoviedb.apiary.io/reference/companies/companyidmovies/get)**

**Credits**

**/credit/{credit\_id}**

Get the detailed information about a particular credit record. This is currently only supported with the new credit model found in TV. These ids can be found from any TV credit response as well as the tv\_credits and combined\_credits methods for people.

The episodes object returns a list of episodes and are generally going to be guest stars. The season array will return a list of season numbers. Season credits are credits that were marked with the "add to every season" option in the editing interface and are assumed to be "season regulars".

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| language | ISO 639-1 code. |

**[GET](http://docs.themoviedb.apiary.io/reference/credits/creditcreditid/get)**

**Discover**

**/discover/movie**

Discover movies by different types of data like average rating, number of votes, genres and certifications. You can get a valid list of certifications from the [/certifications](http://docs.themoviedb.apiary.io/#certifications) method.

|  |  |
| --- | --- |
| **Required Parameters** | |
| api\_key | |
| **Optional Parameters** | |
| certification\_country | Only include movies with certifications for a specific country. When this value is specified, you must specify a **'certification'** or **'certification.lte'** value. A ISO 3166-1 is expected. |
| certification | Filter movies that have the specified certification. You must specify a valid 'certification\_country' in order to use this filter. Expected value is a valid certification for the specificed country, ([see here](http://docs.themoviedb.apiary.io/#reference/certifications/get) for valid values). |
| certification.lte | Filter movies that have this certification and "lower". You must specify a valid 'certification\_country' and a valid certification for the specified value, ([see here](http://docs.themoviedb.apiary.io/#reference/certifications/get) for valid values). |
| include\_adult | Toggle the inclusion of adult titles. Expected value is a boolean, true or false. Default is false. |
| include\_video | Toggle the inclusion of items marked as a video. Expected value is a boolean, true or false. Default is true. |
| language | ISO 639-1 code. |
| page | Minimum 1, maximum 1000. |
| primary\_release\_year | Filter the results so that only the primary release date year has this value. Expected value is a year. |
| primary\_release\_date.gte | Filter by the primary release date and only include those which are greater than or equal to the specified value. Expected format is YYYY-MM-DD. |
| primary\_release\_date.lte | Filter by the primary release date and only include those which are greater than or equal to the specified value. Expected format is YYYY-MM-DD. |
| release\_date.gte | Filter by all available release dates and only include those which are greater or equal to the specified value. Expected format is YYYY-MM-DD. |
| release\_date.lte | Filter by all available release dates and only include those which are less or equal to the specified value. Expected format is YYYY-MM-DD. |
| sort\_by | Available options are:   * popularity.asc * popularity.desc * release\_date.asc * release\_date.desc * revenue.asc * revenue.desc * primary\_release\_date.asc * primary\_release\_date.desc * original\_title.asc * original\_title.desc * vote\_average.asc * vote\_average.desc * vote\_count.asc * vote\_count.desc |
| vote\_count.gte | Filter movies by their vote count and only include movies that have a vote count that is equal to or lower than the specified value. |
| vote\_count.lte | Filter movies by their vote count and only include movies that have a vote count that is equal to or lower than the specified value. Expected value is an integer. |
| vote\_average.gte | Filter movies by their vote average and only include those that have an average rating that is equal to or higher than the specified value. Expected value is a float. |
| vote\_average.lte | Filter movies by their vote average and only include those that have an average rating that is equal to or lower than the specified value. Expected value is a float. |
| with\_cast | Only include movies that have this person id added as a cast member. Expected value is an integer (the id of a person). Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| with\_crew | Only include movies that have this person id added as a crew member. Expected value is an integer (the id of a person). Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| with\_companies | Filter movies to include a specific company. Expected value is an integer (the id of a company). Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| with\_genres | Only include movies with the specified genres. Expected value is an integer (the id of a genre). Multiple values can be specified. Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| with\_keywords | Only include movies with the specified keywords. Expected value is an integer (the id of a keyword). Multiple values can be specified. Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| with\_people | Only include movies that have these person id's added as a cast or crew member. Expected value is an integer (the id or ids of a person). Comma separated indicates an 'AND' query, while a pipe (|) separated value indicates an 'OR'. |
| year | Filter the results by all available release dates that have the specified value added as a year. Expected value is an integer (year). |

**[GET](http://docs.themoviedb.apiary.io/reference/discover/discovermovie/get)**