**APOD – Home page – 7 previous day’s images – carousel**

NASA API key required

 Astronomy Picture of the Day.

HTTP Request

GET https://api.nasa.gov/planetary/apod

Query Parameters

| **Parameter** | **Type** | **Default** | **Description** |
| --- | --- | --- | --- |
| date | YYYY-MM-DD | today | The date of the APOD image to retrieve |
| hd | bool | False | Retrieve the URL for the high resolution image |
| api\_key | string | DEMO\_KEY | api.nasa.gov key for expanded usage |

Example query

https://api.nasa.gov/planetary/apod?api\_key=DEMO\_KEY

TRY TO CAROUSEL IMAGE FROM THE PAST 7 DAYS

* ALLOW MEMBERS TO SAVE IMAGES TO DATABASE
* ALLOW MEMBERS TO DISPLAY THEIR SAVED IMAGES
* …
* MAINTAIN ANY DESCRIPTIVE INFORMATION PROVIDED
  + EITHER BY REFERENCE OR STORED IN DATABASE

**The images.nasa.gov API – Search for media page - webpage**

NASA API key not required

API Root*:*

https://images-api.nasa.gov

API Endpoints*:*

/search

/asset/{nasa\_id}

/metadata/{nasa\_id}

/captions/{nasa\_id}

/album /{album \_name}

REFER TO images.nasa.gov\_api\_docs.pdf

GET /search?{parameter\_key\_value\_pairs}

Parameter: {type: string}

*q* free text search – on all indexed metadata

*center* NASA center which published the media

*description* terms to search in “Description” fields

*keywords* terms to search in “Keywords” fields – comma separator

*year\_start* start year for results – format: YYYY

*year\_end* end year for results – format: YYYY

*media\_type* [“*audio*”, “*image*”] – default to “*image*”

**Example Request***:*

*The equivalent pre-encoded request lo o ks m o re typical:*

https://images-api.nasa.gov/search

?q=apollo%2011

&description=moon%20landing

&media\_type=image