

API Reference

Data Microservice

API Version: 0.1.0

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API

1. EVENTS

1.1 POST /events/all

Post Events

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
*filter	array of string ALLOWED: neo, donki, launch, solar	A list of particular types of events you want returned, if empty user specific events are returned

REQUEST BODY - application/json

```
{
  username*   string  The users username
  session_id* string  The users username
}
```

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

ANY OF

OPTION 1{

```
  event_id      string  The UUID associated with a particular event
  likes         integer  DEFAULT:0
                  The number of likes a particular Article/Event/Comment has
  dislikes      integer  DEFAULT:0
                  The number of dislikes a particular Article/Event/Comment has
  like_status   enum     DEFAULT:neutral
                  ALLOWED:like, dislike, neutral
  event_type*   enum     ALLOWED:neo, donki, launch, solar
                  The particular space event class associated with the event
  is_subscribed boolean
  name*         string
  diameter*     number
  is_hazardous* boolean
  approach_date* string
  speed*        number
  miss_distance* string
```

}

OPTION 2{

```
  event_id      string  The UUID associated with a particular event
  likes         integer  DEFAULT:0
                  The number of likes a particular Article/Event/Comment has
  dislikes      integer  DEFAULT:0
                  The number of dislikes a particular Article/Event/Comment has
  like_status   enum     DEFAULT:neutral
                  ALLOWED:like, dislike, neutral
```

```

event_type*      enum      ALLOWED:neo, donki, launch, solar
                                The particular space event class associated with the event
is_subscribed    boolean    Whether the user is subscribed to the current event
message_id*      string
message_type*    string
message_url*     string
message_issue_time* string
message_body*    string
}
OPTION 3{
  event_id        string      The UUID associated with a particular event
  likes           integer      DEFAULT:0
                                The number of likes a particular Article/Event/Comment has
  dislikes        integer      DEFAULT:0
                                The number of dislikes a particular Article/Event/Comment has
  like_status     enum        DEFAULT:neutral
                                ALLOWED:like, dislike, neutral
  event_type*     enum        ALLOWED:neo, donki, launch, solar
                                The particular space event class associated with the event
  is_subscribed    boolean    Whether the user is subscribed to the current event
  longitude*      number
  latitude*       number
  country*        string
  pad_name*       string
  name*          string
  status_code*    string
  status_desc*    string
  last_updated*   string
  service_provider* string
  rocket_name*    string
  mission_name*   string
  mission_type*   string
  mission_info*   string
  launch_image*   string
}
OPTION 4{
  event_id        string      The UUID associated with a particular event
  likes           integer      DEFAULT:0
                                The number of likes a particular Article/Event/Comment has
  dislikes        integer      DEFAULT:0
                                The number of dislikes a particular Article/Event/Comment has
  like_status     enum        DEFAULT:neutral
                                ALLOWED:like, dislike, neutral
  event_type*     enum        ALLOWED:neo, donki, launch, solar
                                The particular space event class associated with the event
  is_subscribed    boolean    Whether the user is subscribed to the current event
  longitude*      number
  latitude*       number
  timestamp*      string
  central_duration* string
  path_width*     integer
  eclipse_type*    string
}

```

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```
{
```

```

detail [{
  Array of object:
    loc*
    ANY OF
    prop0
    string
    prop1
    integer
    msg* string
    type* string
  }]
}

```

1.2 POST /events/user

Post Events

REQUEST

REQUEST BODY - application/json

```

{
  username*   string  The users username
  session_id* string  The users username
}

```

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

ANY OF

OPTION 1 {

event_id	string	The UUID associated with a particular event
likes	integer	DEFAULT:0 The number of likes a particular Article/Event/Comment has
dislikes	integer	DEFAULT:0 The number of dislikes a particular Article/Event/Comment has
like_status	enum	DEFAULT:neutral ALLOWED:like, dislike, neutral
event_type*	enum	ALLOWED:neo, donki, launch, solar The particular space event class associated with the event
is_subscribed	boolean	Whether the user is subscribed to the current event
name*	string	
diameter*	number	
is_hazardous*	boolean	
approach_date*	string	
speed*	number	
miss_distance*	string	

}

OPTION 2 {

event_id	string	The UUID associated with a particular event
likes	integer	DEFAULT:0 The number of likes a particular Article/Event/Comment has
dislikes	integer	DEFAULT:0 The number of dislikes a particular Article/Event/Comment has
like_status	enum	DEFAULT:neutral ALLOWED:like, dislike, neutral

```

event_type*          enum      ALLOWED:neo, donki, launch, solar
                        The particular space event class associated with the event

is_subscribed        boolean   Whether the user is subscribed to the current event
message_id*          string
message_type*        string
message_url*         string
message_issue_time*  string
message_body*        string
}
OPTION 3{
  event_id            string    The UUID associated with a particular event
  likes               integer    DEFAULT:0
                        The number of likes a particular Article/Event/Comment has
  dislikes            integer    DEFAULT:0
                        The number of dislikes a particular Article/Event/Comment has
  like_status         enum      DEFAULT:neutral
                        ALLOWED:like, dislike, neutral
  event_type*         enum      ALLOWED:neo, donki, launch, solar
                        The particular space event class associated with the event
  is_subscribed        boolean   Whether the user is subscribed to the current event
  longitude*          number
  latitude*           number
  country*            string
  pad_name*           string
  name*               string
  status_code*        string
  status_desc*        string
  last_updated*       string
  service_provider*   string
  rocket_name*        string
  mission_name*       string
  mission_type*       string
  mission_info*       string
  launch_image*       string
}
OPTION 4{
  event_id            string    The UUID associated with a particular event
  likes               integer    DEFAULT:0
                        The number of likes a particular Article/Event/Comment has
  dislikes            integer    DEFAULT:0
                        The number of dislikes a particular Article/Event/Comment has
  like_status         enum      DEFAULT:neutral
                        ALLOWED:like, dislike, neutral
  event_type*         enum      ALLOWED:neo, donki, launch, solar
                        The particular space event class associated with the event
  is_subscribed        boolean   Whether the user is subscribed to the current event
  longitude*          number
  latitude*           number
  timestamp*          string
  central_duration*   string
  path_width*         integer
  eclipse_type*       string
}

```

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```
{
```

```

detail [{
  Array of object:
    loc*
      ANY OF
      prop0
        string
      prop1
        integer
    msg* string
    type* string
  }]
}

```

1.3 POST /events/comments

Post Events Comments

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
*event_id	uuid	The events UUID

REQUEST BODY - application/json

```

{
  username*   string  The users username
  session_id* string  The users username
}

```

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

```

[ {
  Array of object:
    comment_id  string  The UUID associated with a particular comment
    event_id    string  The UUID associated with a particular event
    likes       integer  DEFAULT:0
                        The number of likes a particular Article/Event/Comment has
    dislikes    integer  DEFAULT:0
                        The number of dislikes a particular Article/Event/Comment has
    like_status enum    DEFAULT:neutral
                        ALLOWED:like, dislike, neutral
    username*   string  The users username
    timestamp*  string  The server side time that the item was created
    comment*    string  The text contained in the comment
  } ]

```

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```

{
  detail [{
    Array of object:

```

```
loc*  
  ANY OF  
  prop0  
  string  
  prop1  
  integer  
msg*  string  
type* string  
}]  
{
```

2. NEWS

2.1 POST /news

Post News

REQUEST

REQUEST BODY - application/json

```
{
  username*   string  The users username
  session_id* string  The users username
}
```

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

```
[{
  Array of object:
  article_id   string  The UUID associated with a particular article
  likes        integer  DEFAULT:0
                  The number of likes a particular Article/Event/Comment has
  dislikes     integer  DEFAULT:0
                  The number of dislikes a particular Article/Event/Comment has
  like_status  enum     DEFAULT:neutral
                  ALLOWED:like, dislike, neutral
  topic*       enum     ALLOWED:planets, eclipses, constellations, northernlights,
                  comets, asteroids, blackholes
  author*      string
  title*       string
  description*  string
  url*         string
  url_to_image* string
  published_at* string
  content*     string
}]
```

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```
{
  detail [{
    Array of object:
    loc*
      ANY OF
      prop0
      string
      prop1
      integer
    msg* string
    type* string
  }]
}
```

2.2 POST /news/comments

Post News Comments

REQUEST

QUERY PARAMETERS

NAME	TYPE	DESCRIPTION
*article_id	uuid	The articles UUID

REQUEST BODY - application/json

```
{
  username*   string  The users username
  session_id* string  The users username
}
```

RESPONSE

STATUS CODE - 200: Successful Response

RESPONSE MODEL - application/json

```
[{
  Array of object:
    comment_id string  The UUID associated with a particular comment
    article_id string  The UUID associated with a particular article
    likes       integer DEFAULT:0
                  The number of likes a particular Article/Event/Comment has
    dislikes    integer DEFAULT:0
                  The number of dislikes a particular Article/Event/Comment has
    like_status enum    DEFAULT:neutral
                  ALLOWED:like, dislike, neutral
    username*   string  The users username
    timestamp*  string  The server side time that the item was created
    comment*    string  The text contained in the comment
  }]
```

STATUS CODE - 422: Validation Error

RESPONSE MODEL - application/json

```
{
  detail [{
    Array of object:
      loc*
      ANY OF
      prop0
      string
      prop1
      integer
      msg* string
      type* string
    }]
}
```

