

Puppy Bowl API Documentation

Introduction

An API for all your Puppy Bowl roster needs. We strive to provide you with an easy to consume API, so you can build out beautiful front end experiences and leave the Data management to us.

We have a small handful of endpoints, each documented below.

API URL Format

All API urls are versioned by which cohort you are a part of. This is to give students the best experience possible (avoiding thousands of puppies to sift through), and to show you a form of versioning.

Our versioning works like this

- The base URL is **`https://fsa-puppy-bowl.herokuapp.com`**
- The first segment of path is **`/api`**, every endpoint available to you has that prefix. If you stop there (i.e. if you go to **`https://fsa-puppy-bowl.herokuapp.com/api`**) you will find this documentation.
- The next segment of path is your cohort name, e.g. **`/2109-UNF-HY-WEB-PT`** or **`/2206-CPU-RM-WEB-PT`**
- The last segment of path is based on the resource or action you are taking, e.g. **`/players`** to fetch all players.

So, for example, a call for all players for the class going by the name 2109-UNF-HY-WEB-PT would use the URL **`https://fsa-puppy-bowl.herokuapp.com/api/2109-UNF-HY-WEB-PT/players`**.

General Return Schema

```
{
  success: false, // or true
  error: {
    name: "ErrorName",
    message: "This is an error message."
  }, // or null
  data: {
    example: "This is an example of a data message."
  } // or null
}
```

Since a **success** or **error** is present in each call, we will only discuss the **data** object returned from the calls described below.

Player

The main data type is a **player**. A player holds information about one puppy, including their name, breed, status, and what team they are on.

GET /api/COHORT-NAME/players

A request to this endpoint fetches an array of **player** objects.

Request Parameters

No request parameters are necessary for this route.

Return Parameters

- **players** (array of objects):
 - **id** (number): This is the database identifier for the **player** object.
 - **name** (string): The name of the player.
 - **breed** (string): The type of dog breed the player is.
 - **status** (enum): The status of the player, which indicates whether the player is in the field or on the bench. Status can only be set

to one of two valid string values: **field** or **bench**. The default value is **bench**.

- **imageUrl (string)**: A url pointing to an image of the player.
- **createdAt** and **updatedAt (string)**: These are the timestamps for when the player was inserted into the database, or most recently updated.
- **teamId (number)**: This is the database identifier for the **team** the player is associated with.
- **cohortId (number)**: This is the database identifier for your **cohort**. All players are associated with one cohort for versioning purposes.

Sample Call

```
try {
  const response = await fetch(
    'https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME'
  );
  const result = await response.json();
  console.log(result);
} catch (err) {
  console.error(err);
}
```

Sample Response

```
{
  "success": true,
  "error": null,
  "data": {
    "players": [
      {
        "id": 2,
        "name": "Crumpet",
        "breed": "American Staffordshire Terrier",
        "status": "field",
        "imageUrl": "http://r.ddmcdn.com/w_1012/s",
        "createdAt": "2021-06-15T16:21:14.103Z",
```

```
    "updatedAt": "2021-06-15T16:21:14.103Z",  
    "teamId": 1,  
    "cohortId": 1  
  },  
  {  
    "id": 4,  
    "name": "Daphne",  
    "breed": "German Shepherd",  
    "status": "field",  
    "imageUrl": "http://r.ddmcdn.com/w_960/s",  
    "createdAt": "2021-06-15T16:21:14.103Z",  
    "updatedAt": "2021-06-15T16:21:14.103Z",  
    "teamId": 2,  
    "cohortId": 1  
  },  
  {  
    "id": 10,  
    "name": "Kenny",  
    "breed": "Golden Retriever / Boxer",  
    "status": "bench",  
    "imageUrl": "http://r.ddmcdn.com/w_1012/s",  
    "createdAt": "2021-06-15T16:21:14.103Z",  
    "updatedAt": "2021-06-15T16:21:14.103Z",  
    "teamId": 2,  
    "cohortId": 1  
  }  
]  
}
```

GET /api/COHORT-NAME/players/PLAYER-ID

A request to this endpoint fetches a single **player** object whose **id** is equal to **PLAYER-ID**.

Request Parameters

No request parameters are necessary for this route.

Return Parameters

- **player (object):**
 - **id (number):** This is the database identifier for the **player** object.
 - **name (string):** The name of the player.
 - **breed (string):** The type of dog breed the player is.
 - **status (enum):** The status of the player, which indicates whether the player is in the field or on the bench. Status can only be set to one of two valid string values: **field** or **bench**. The default value is **bench**.
 - **imageUrl (string):** A url pointing to an image of the player.
 - **createdAt** and **updatedAt (string):** These are the timestamps for when the player was inserted into the database, or most recently updated.
 - **teamId (number):** This is the database identifier for the **team** the player is associated with.
 - **cohortId (number):** This is the database identifier for your **cohort**. All players are associated with one cohort for versioning purposes.
 - **team (object):**
 - **id (number):** This is the database identifier for the **team** the player is associated with.
 - **name (string):**
 - **score (number):**
 - **createdAt** and **updatedAt (string):** These are the timestamps for when the team was inserted into the database, or most recently updated.
 - **cohortId (number):** This is the database identifier for your **cohort**. All teams are associated with one cohort for versioning purposes.
 - **players (array of objects):** All players on this puppy's team
 - **id (number):** This is the database identifier for the **player** object.
 - **name (string):** The name of the player.
 - **breed (string):** The type of dog breed the player is.
 - **status (enum):** The status of the player, which indicates whether the player is in the field or on the bench.

Status can only be set to one of two valid string values: **field** or **bench**. The default value is **bench**.

- **imageUrl (string)**: A url pointing to an image of the player.
- **createdAt** and **updatedAt (string)**: These are the timestamps for when the player was inserted into the database, or most recently updated.
- **teamId (number)**: This is the database identifier for the **team** the player is associated with.
- **cohortId (number)**: This is the database identifier for your **cohort**. All players are associated with one cohort for versioning purposes.

Sample Call

```
try {
  const response = await fetch(
    'https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME'
  );
  const result = await response.json();
  console.log(result);
} catch (err) {
  console.error(err);
}
```

Sample Response

```
{
  "success": true,
  "error": null,
  "data": {
    "player": {
      "success": true,
      "error": null,
      "data": {
        "player": {
          "id": 1,
          "name": "Anise",
```

```

"breed": "Australian Cattle Dog / Labrador Retriever",
"status": "field",
"imageUrl": "http://r.ddmcdn.com/w_912/s_f/o",
"createdAt": "2021-06-15T16:21:14.103Z",
"updatedAt": "2021-06-15T16:21:14.103Z",
"teamId": 1,
"cohortId": 1,
"team": {
  "id": 1,
  "name": "Ruff",
  "score": 0,
  "createdAt": "2021-09-11T20:08:02.533Z",
  "updatedAt": "2021-09-11T20:08:02.533Z",
  "cohortId": 1,
  "players": [
    {
      "id": 13,
      "name": "Daphne",
      "breed": "German Shepherd",
      "status": "field",
      "imageUrl": "http://r.ddmcdn.com/w_912/s_f/o",
      "createdAt": "2021-09-11T20:08:02.533Z",
      "updatedAt": "2021-09-11T20:08:02.533Z",
      "teamId": 1,
      "cohortId": 1
    },
    {
      "id": 15,
      "name": "Duncan",
      "breed": "Collie",
      "status": "field",
      "imageUrl": "http://r.ddmcdn.com/w_912/s_f/o",
      "createdAt": "2021-09-11T20:08:02.533Z",
      "updatedAt": "2021-09-11T20:08:02.533Z",
      "teamId": 1,
      "cohortId": 1
    },
    {
      "id": 16,
      "name": "Filbert",
      "breed": "Shetland Sheepdog / Border Collie",
      "status": "field",
      "imageUrl": "http://r.ddmcdn.com/w_912/s_f/o",
      "createdAt": "2021-09-11T20:08:02.533Z",
      "updatedAt": "2021-09-11T20:08:02.533Z",
      "teamId": 1,
      "cohortId": 1
    }
  ]
}

```


- **player (object)**
 - **name (string)**: The name of the player.
 - **breed (string)**: The type of dog breed the player is.
 - **status (enum)**: The status of the player, which indicates whether the player is in the field or on the bench. Status can only be set to one of two valid string values: **field** or **bench**. The default value is **bench**.
 - **imageUrl (string)**: A url pointing to an image of the player.
 - **teamId (number)**: (OPTIONAL for extra credit). This is the identifier for the **team** to add the player to

Return Parameters

- **player (object)**:
 - **id (number)**: This is the database identifier for the **player** object.
 - **name (string)**: The name of the player.
 - **breed (string)**: The type of dog breed the player is.
 - **status (enum)**: The status of the player, which indicates whether the player is in the field or on the bench. Status can only be set to one of two valid string values: **field** or **bench**. The default value is **bench**.
 - **imageUrl (string)**: A url pointing to an image of the player.
 - **createdAt** and **updatedAt (string)**: These are the timestamps for when the player was inserted into the database, or most recently updated.
 - **teamId (number)**: This is the database identifier for the **team** the player is associated with. When the player is initially created, the value of teamId will be **null**.
 - **cohortId (number)**: This is the database identifier for your **cohort**. All players are associated with one cohort for versioning purposes.

Sample Call

```
try {  
  const response = await fetch(  

```

```
'https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME'
{
  method: 'POST',
  headers: {
    'Content-Type': 'application/json',
  },
  body: JSON.stringify({
    name: 'Rufus',
    breed: 'Irish Setter',
  }),
}
);
const result = await response.json();
console.log(result);
} catch (err) {
  console.error(err);
}
```

Sample Response

```
{
  "success": true,
  "error": null,
  "data": {
    "newPlayer": {
      "status": "bench",
      "imageUrl": "https://learndotresources.s3.amazonaws.com/puppy-bowl-2021/players/rufus.jpg",
      "id": 57,
      "name": "Rufus",
      "breed": "Irish Setter",
      "cohortId": 1,
      "updatedAt": "2021-07-13T01:02:56.163Z",
      "createdAt": "2021-07-13T01:02:56.163Z",
      "teamId": null
    }
  }
}
```

DELETE /api/COHORT-NAME/players/PLAYER-ID

This endpoint will delete a player whose **id** is equal to **PLAYER-ID**.

Request Parameters

There are no request parameters.

Return Parameters

There are no return parameters.

Sample Call

```
fetch('https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME',  
  method: 'DELETE',  
));  
try {  
  const response = await fetch(  
    'https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME',  
    {  
      method: 'DELETE',  
    }  
  );  
  const result = await response.json();  
  console.log(result);  
} catch (err) {  
  console.error(err);  
}
```

Sample Response

```
{  
  success: true,  
  error: null,  
  data: null  
}
```

TEAM

The main data type is a **player**. A player holds information about one puppy, including their name, breed, status, and what team they are on.

GET /api/COHORT-NAME/teams

A request to this endpoint fetches an array of **player** objects.

Request Parameters

No request parameters are necessary for this route.

Return Parameters

- **teams** (array of objects):
 - **id** (number): This is the database identifier for the **team** object.
 - **name** (string): The name of the team.
 - **createdAt** and **updatedAt** (string): These are the timestamps for when the team was inserted into the database, or most recently updated.
 - **cohortId** (number) : This is the database identifier for your **cohort**. All teams are associated with one cohort for versioning purposes.
 - **players** (array of objects):
 - **id** (number): This is the database identifier for the **player** object.
 - **name** (string): The name of the player.
 - **breed** (string): The type of dog breed the player is.
 - **status** (enum): The status of the player, which indicates whether the player is in the field or on the bench. Status can only be set to one of two valid string values: **field** or **bench**. The default value is **bench**.
 - **imageUrl** (string): A url pointing to an image of the player.

- **createdAt** and **updatedAt (string)**: These are the timestamps for when the player was inserted into the database, or most recently updated.
- **teamId (number)**: This is the database identifier for the **team** the player is associated with.
- **cohortId (number)**: This is the database identifier for your **cohort**. All players are associated with one cohort for versioning purposes.

Sample Call

```
try {
  const response = await fetch(
    'https://fsa-puppy-bowl.herokuapp.com/api/COHORT-NAME'
  );
  const result = await response.json();
  console.log(result);
} catch (err) {
  console.error(err);
}
```

Sample Response

```
{
  "success": true,
  "error": null,
  "data": {
    "teams": [
      {
        "id": 4,
        "name": "Fluff",
        "score": 0,
        "createdAt": "2021-09-11T20:08:02.533Z",
        "updatedAt": "2021-09-11T20:08:02.533Z",
        "cohortId": 2,
        "players": [
          {
            "id": 11,
            "name": "Anise",
```

```
"breed": "Australian Cattle Dog / Labrador Retriever",
"status": "field",
"imageUrl": "http://r.ddmcdn.com/w_912/s_f/o",
"createdAt": "2021-09-11T20:08:02.539Z",
"updatedAt": "2021-09-11T20:08:02.539Z",
"teamId": 4,
"cohortId": 2
},
{
  "id": 12,
  "name": "Bert",
  "breed": "Great Pyrenees / Weimaraner",
  "status": "field",
  "imageUrl": "http://r.ddmcdn.com/w_1010/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 4,
  "cohortId": 2
},
{
  "id": 14,
  "name": "Crumpet",
  "breed": "American Staffordshire Terrier",
  "status": "field",
  "imageUrl": "http://r.ddmcdn.com/w_1012/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 4,
  "cohortId": 2
},
{
  "id": 17,
  "name": "Gina",
  "breed": "Labrador Retriever / Chow Chow",
  "status": "bench",
  "imageUrl": "http://r.ddmcdn.com/w_1012/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 4,
  "cohortId": 2
},
{
  "id": 18,
  "name": "Huck",
  "breed": "Miniature Poodle / Shih Tzu",
  "status": "bench",
  "imageUrl": "http://r.ddmcdn.com/w_962/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
```

```

      "teamId": 4,
      "cohortId": 2
    },
    {
      "id": 23,
      "name": "foo",
      "breed": "foo",
      "status": "bench",
      "imageUrl": "https://learndotresources.s3.am",
      "createdAt": "2021-09-11T20:34:07.455Z",
      "updatedAt": "2021-09-11T20:34:07.455Z",
      "teamId": 4,
      "cohortId": 2
    },
    {
      "id": 24,
      "name": "Cody",
      "breed": "Pug",
      "status": "bench",
      "imageUrl": "https://learndotresources.s3.am",
      "createdAt": "2021-09-11T20:35:14.729Z",
      "updatedAt": "2021-09-11T20:35:14.729Z",
      "teamId": 4,
      "cohortId": 2
    },
    {
      "id": 25,
      "name": "Cody",
      "breed": "Pug",
      "status": "bench",
      "imageUrl": "https://learndotresources.s3.am",
      "createdAt": "2021-09-11T20:35:32.746Z",
      "updatedAt": "2021-09-11T20:35:32.746Z",
      "teamId": 4,
      "cohortId": 2
    }
  ],
  {
    "id": 3,
    "name": "Ruff",
    "score": 0,
    "createdAt": "2021-09-11T20:08:02.533Z",
    "updatedAt": "2021-09-11T20:08:02.533Z",
    "cohortId": 2,
    "players": [
      {
        "id": 13,
        "name": "Daphne",

```

```
"breed": "German Shepherd",
"status": "field",
"imageUrl": "http://r.ddmcdn.com/w_960/s_f/o",
"createdAt": "2021-09-11T20:08:02.539Z",
"updatedAt": "2021-09-11T20:08:02.539Z",
"teamId": 3,
"cohortId": 2
},
{
  "id": 15,
  "name": "Duncan",
  "breed": "Collie",
  "status": "field",
  "imageUrl": "http://r.ddmcdn.com/w_1012/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 3,
  "cohortId": 2
},
{
  "id": 16,
  "name": "Filbert",
  "breed": "Shetland Sheepdog / Border Collie",
  "status": "field",
  "imageUrl": "http://r.ddmcdn.com/w_942/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 3,
  "cohortId": 2
},
{
  "id": 19,
  "name": "Jack",
  "breed": "Chihuahua / Miniature Poodle",
  "status": "bench",
  "imageUrl": "http://r.ddmcdn.com/w_926/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
  "teamId": 3,
  "cohortId": 2
},
{
  "id": 20,
  "name": "Kenny",
  "breed": "Golden Retriever / Boxer",
  "status": "bench",
  "imageUrl": "http://r.ddmcdn.com/w_1012/s_f/o",
  "createdAt": "2021-09-11T20:08:02.539Z",
  "updatedAt": "2021-09-11T20:08:02.539Z",
```



```
    "teamId": 3,  
    "cohortId": 2  
  },  
  {  
    "id": 26,  
    "name": "Alfalfa",  
    "breed": "Veg",  
    "status": "bench",  
    "imageUrl": "https://learndotresources.s3.amazonaws.com/puppy-bowl-images/alfalfa.jpg",  
    "createdAt": "2021-09-11T20:35:44.820Z",  
    "updatedAt": "2021-09-11T20:35:44.820Z",  
    "teamId": 3,  
    "cohortId": 2  
  }  
]  
}  
}
```