

Berry Attributes Summary

User

This is the Pokeapi documentation about berries:

Berries (group)
Berries (endpoint)
Berries are small fruits that can provide HP and status condition restoration, stat enhancement, and even damage negation when eaten by Pokémon. Check out Bulbapedia for greater detail.

GET https://pokeapi.co/api/v2/berry/{id or name}/

```
{
  "id": 1,
  "name": "cheri",
  "growth_time": 3,
  "max_harvest": 5,
  "natural_gift_power": 60,
  "size": 20,
  "smoothness": 25,
  "soil_dryness": 15,
  "firmness": {
    "name": "soft",
    "url": "https://pokeapi.co/api/v2/berry-firmness/2/"
  },
  "flavors": [
    {
      "potency": 10,
      "flavor": {
        "name": "spicy",
        "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
      }
    }
  ],
  "item": {
    "name": "cheri-berry",
    "url": "https://pokeapi.co/api/v2/item/126/"
  },
  "natural_gift_type": {
    "name": "fire",
    "url": "https://pokeapi.co/api/v2/type/10/"
  }
}
```

View raw JSON (0.608 kB, 31 lines)

Berry (type)

Name Description Type

id
The identifier for this resource.

integer
name
The name for this resource.

string
growth_time
Time it takes the tree to grow one stage, in hours. Berry trees go through four of these growth stages before they can be picked.

integer
max_harvest
The maximum number of these berries that can grow on one tree in Generation IV.

integer
natural_gift_power
The power of the move "Natural Gift" when used with this Berry.

integer
size

The size of this Berry, in millimeters.

integer

smoothness

The smoothness of this Berry, used in making Pokéblocks or Poffins.

integer

soil_dryness

The speed at which this Berry dries out the soil as it grows. A higher rate means the soil dries more quickly.

integer

firmness

The firmness of this berry, used in making Pokéblocks or Poffins.

NamedAPIResource (BerryFirmness)

flavors

A list of references to each flavor a berry can have and the potency of each of those flavors in regard to this berry.

list BerryFlavorMap

item

Berries are actually items. This is a reference to the item specific data for this berry.

NamedAPIResource (Item)

natural_gift_type

The type inherited by "Natural Gift" when used with this Berry.

NamedAPIResource (Type)

BerryFlavorMap (type)

Name	Description	Type
potency		

potency

How powerful the referenced flavor is for this berry.

integer

flavor

The referenced berry flavor.

NamedAPIResource (BerryFlavor)

Berry Firmnesses (endpoint)

Berries can be soft or hard. Check out Bulbapedia for greater detail.

GET <https://pokeapi.co/api/v2/berry-firmness/{id or name}/>

```
{
  "id": 1,
  "name": "very-soft",
  "berries": [
    {
      "name": "pecha",
      "url": "https://pokeapi.co/api/v2/berry/3/"
    }
  ],
  "names": [
    {
      "name": "Very Soft",
      "language": {
        "name": "en",
        "url": "https://pokeapi.co/api/v2/language/9/"
      }
    }
  ]
}
```

View raw JSON (0.303 kB, 19 lines)

BerryFirmness (type)

Name	Description	Type
id		

id

The identifier for this resource.

integer
name
The name for this resource.

string
berries
A list of the berries with this firmness.

list NamedAPIResource (Berry)
names
The name of this resource listed in different languages.

list Name
Berry Flavors (endpoint)
Flavors determine whether a Pokémon will benefit or suffer from eating a berry based on their nature. Check out Bulbapedia for greater detail.

GET https://pokeapi.co/api/v2/berry-flavor/{id or name}/

```
{
  "id": 1,
  "name": "spicy",
  "berries": [
    {
      "potency": 10,
      "berry": {
        "name": "rowap",
        "url": "https://pokeapi.co/api/v2/berry/64/"
      }
    }
  ],
  "contest_type": {
    "name": "cool",
    "url": "https://pokeapi.co/api/v2/contest-type/1/"
  },
  "names": [
    {
      "name": "Spicy",
      "language": {
        "name": "en",
        "url": "https://pokeapi.co/api/v2/language/9/"
      }
    }
  ]
}
```

View raw JSON (0.446 kB, 26 lines)

BerryFlavor (type)

Name	Description	Type
------	-------------	------

id
The identifier for this resource.

integer
name
The name for this resource.

string
berries
A list of the berries with this flavor.

list FlavorBerryMap
contest_type
The contest type that correlates with this berry flavor.

NamedAPIResource (ContestType)
names
The name of this resource listed in different languages.

list Name
FlavorBerryMap (type)

Name	Description	Type
potency	How powerful the referenced flavor is for this berry.	
integer		
berry	The berry with the referenced flavor.	

NamedAPIResource (Berry)

ChatGPT

The Pokeapi documentation on berries provides detailed information about the various attributes and functionalities of berries in the Pokémon universe. Here’s a comprehensive breakdown of the relevant endpoints and data structures provided:

Berries Endpoint

The `berry` endpoint gives detailed information about individual berries. Each berry has specific attributes such as growth time, maximum harvest, size, smoothness, and more.

Sample GET Request

```
GET https://pokeapi.co/api/v2/berry/{id or name}/
```

JSON Response Structure

```
{
  "id": 1,
  "name": "cheri",
  "growth_time": 3,
  "max_harvest": 5,
  "natural_gift_power": 60,
  "size": 20,
  "smoothness": 25,
  "soil_dryness": 15,
  "firmness": {
    "name": "soft",
    "url": "https://pokeapi.co/api/v2/berry-firmness/2/"
  },
  "flavors": [
    {
      "potency": 10,
      "flavor": {
        "name": "spicy",
        "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
      }
    }
  ],
  "item": {
    "name": "cheri-berry",
    "url": "https://pokeapi.co/api/v2/item/126/"
  },
  "natural_gift_type": {
    "name": "fire",
    "url": "https://pokeapi.co/api/v2/type/10/"
  }
}
```

Attributes Description

- **id**: The unique identifier for the berry.
- **name**: The name of the berry.
- **growth_time**: Time in hours for the berry tree to grow one stage.
- **max_harvest**: Maximum berries that can be harvested from one tree.
- **natural_gift_power**: Power of the "Natural Gift" move when using this berry.
- **size**: Size of the berry in millimeters.
- **smoothness**: Smoothness value used in making Pokéblocks or Poffins.
- **soil_dryness**: Rate at which the berry dries out the soil.
- **firmness**: Firmness type of the berry.

- ****flavors****: List of flavors with potency associated with this berry.
- ****item****: Reference to the item data for this berry.
- ****natural_gift_type****: Type of the "Natural Gift" move inherited when using this berry.

Berry Firmness Endpoint

This endpoint provides information about the firmness of berries, which affects how they are used in making Pokéblocks or Poffins.

Sample GET Request

```
GET https://pokeapi.co/api/v2/berry-firmness/{id or name}/
```

JSON Response Structure

```
```json
{
 "id": 1,
 "name": "very-soft",
 "berries": [
 {
 "name": "pecha",
 "url": "https://pokeapi.co/api/v2/berry/3/"
 }
],
 "names": [
 {
 "name": "Very Soft",
 "language": {
 "name": "en",
 "url": "https://pokeapi.co/api/v2/language/9/"
 }
 }
]
}
```

#### #### Attributes Description

- **\*\*id\*\***: The unique identifier for the firmness type.
- **\*\*name\*\***: The name of the firmness type.
- **\*\*berries\*\***: List of berries with this firmness.
- **\*\*names\*\***: List of names in different languages.

### ### Berry Flavors Endpoint

Flavors influence how a Pokémon responds to a berry, which is determined by its nature.

#### #### Sample GET Request

```
GET https://pokeapi.co/api/v2/berry-flavor/{id or name}/
```

#### #### JSON Response Structure

```
```json
{
  "id": 1,
  "name": "spicy",
  "berries": [
    {
      "potency": 10,
      "berry": {
        "name": "rowap",
        "url": "https://pokeapi.co/api/v2/berry/64/"
      }
    }
  ],
  "contest_type": {
    "name": "cool",
    "url": "https://pokeapi.co/api/v2/contest-type/1/"
  },
  "names": [
```

```
{
  "name": "Spicy",
  "language": {
    "name": "en",
    "url": "https://pokeapi.co/api/v2/language/9/"
  }
}
]
```

Attributes Description

- ****id****: The unique identifier for the flavor type.
- ****name****: The name of the flavor type.
- ****berries****: List of berries with this flavor and their potency.
- ****contest_type****: The contest type associated with this flavor.
- ****names****: List of names in different languages.

Data Structures

- ****NamedAPIResource****: A common structure used to reference another resource by name and URL.
- ****BerryFlavorMap****: Contains potency and a reference to the berry flavor.
- ****FlavorBerryMap****: Contains potency and a reference to the berry.

This comprehensive documentation allows developers to understand and utilize the various properties and relationships of berries in Pokémon applications. For more details and examples, visiting [Bulbapedia](https://bulbapedia.bulbagarden.net/wiki/Main_Page) can provide deeper insights.

User

Tangled documentation smells refer to issues in software documentation that make it confusing, difficult to understand, or maintain. These "smells" are indicators of poor documentation practices, much like code smells in software development highlight problematic areas in the codebase.

Inconsistent Terminology: Using different terms for the same concept, which can confuse readers and make the documentation harder to follow.

Outdated Information: Documentation that is not regularly updated and contains obsolete information.

Redundancy: Repeating the same information in multiple places, which can lead to inconsistencies and increase maintenance effort.

Poor Structure: Lack of a clear, logical structure that makes it difficult for users to navigate and find the information they need.

Incomplete Information: Missing critical details, leaving users without the necessary information to understand or use the software effectively.

Overly Complex Language: Using unnecessarily complex language or jargon that makes the documentation hard to understand for the target audience.

Lack of Examples: Failing to provide practical examples or use cases that illustrate how to use the software.

Detect, Correct, and Improve Examples on the Berries resource of the PokeAPI, having in consideration the Tangled Documentation Smells.

ChatGPT

To detect, correct, and improve the documentation of the Berries resource in the PokeAPI while addressing common "Tangled Documentation Smells," we can follow these steps:

1. Detect Issues in the Documentation

Let's review the provided documentation and identify the potential smells:

****Inconsistent Terminology****:

- There might be inconsistencies in naming conventions, such as "growth_time" vs. "time to grow".

****Outdated Information****:

- The documentation may lack details on how often it's updated or checked for accuracy.

****Redundancy****:

- Repetition of the explanation of common terms across different sections.

****Poor Structure****:

- Information is scattered without a clear flow, which can make it difficult to follow.

****Incomplete Information**:**

- Missing context or explanations for certain terms, such as what "natural_gift_power" means in practical terms.

****Overly Complex Language**:**

- Use of jargon without adequate explanation.

****Lack of Examples**:**

- Absence of practical examples on how to use the endpoints effectively.

2. Correct and Improve the Documentation

Title and Introduction

****Current**:**

```

Berries (group)

Berries (endpoint)

Berries are small fruits that can provide HP and status condition restoration, stat enhancement, and even damage negation when eaten by Pokémon. Check out Bulbapedia for greater detail.

```

****Improved**:**

```

#### ### Berries Endpoint

Berries are small fruits in the Pokémon world that provide various benefits such as HP restoration, status condition recovery, stat enhancement, and damage negation when eaten by Pokémon.

**\*\*Note\*\*:** For more detailed information, refer to [Bulbapedia] ([https://bulbapedia.bulbagarden.net/wiki/Main\\_Page](https://bulbapedia.bulbagarden.net/wiki/Main_Page)).

```

Endpoint Description

****Current**:**

```

GET <https://pokeapi.co/api/v2/berry/{id or name}/>

```

****Improved**:**

```

#### ### GET Berries

**\*\*Endpoint\*\*:** `GET <https://pokeapi.co/api/v2/berry/{id or name}/>`

Retrieve information about a specific berry by its `id` or `name`.

```

JSON Response Example

****Current**:**

```json

```
{
 "id": 1,
 "name": "cheri",
 ...
}
```

```

****Improved**:**

```json

```
{
 "id": 1,
 "name": "cheri",
 "growth_time": 3,
 "max_harvest": 5,
 "natural_gift_power": 60,
 "size": 20,
 "smoothness": 25,
 "soil_dryness": 15,
 "firmness": {
```

```

 "name": "soft",
 "url": "https://pokeapi.co/api/v2/berry-firmness/2/"
 },
 "flavors": [
 {
 "potency": 10,
 "flavor": {
 "name": "spicy",
 "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
 }
 }
],
 "item": {
 "name": "cheri-berry",
 "url": "https://pokeapi.co/api/v2/item/126/"
 },
 "natural_gift_type": {
 "name": "fire",
 "url": "https://pokeapi.co/api/v2/type/10/"
 }
}

```

#### #### Attributes Description

**\*\*Current\*\*:**

...

Berry (type)

| Name        | Description                                                                                                                       | Type    |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------|---------|
| id          | The identifier for this resource.                                                                                                 | integer |
| name        | The name for this resource.                                                                                                       | string  |
| growth_time | Time it takes the tree to grow one stage, in hours. Berry trees go through four of these growth stages before they can be picked. | integer |
| max_harvest | The maximum number of these berries that can grow on one tree in Generation IV.                                                   | integer |

...

**\*\*Improved\*\*:**

...

#### ### Berry Attributes

- **\*\*id\*\*:** (integer) The unique identifier for the berry.
- **\*\*name\*\*:** (string) The name of the berry.
- **\*\*growth\_time\*\*:** (integer) Time in hours for the berry tree to grow one stage. Berry trees go through four growth stages before they can be picked.
- **\*\*max\_harvest\*\*:** (integer) Maximum number of berries that can be harvested from one tree.
- **\*\*natural\_gift\_power\*\*:** (integer) The power of the move "Natural Gift" when used with this berry.
- **\*\*size\*\*:** (integer) The size of the berry in millimeters.
- **\*\*smoothness\*\*:** (integer) The smoothness value used in making Pokéblocks or Poffins.
- **\*\*soil\_dryness\*\*:** (integer) The rate at which the berry dries out the soil.
- **\*\*firmness\*\*:** (NamedAPIResource) The firmness type of the berry, used in making Pokéblocks or Poffins.
- **\*\*flavors\*\*:** (list of BerryFlavorMap) List of flavors and their potency associated with this berry.
- **\*\*item\*\*:** (NamedAPIResource) Reference to the item data for this berry.
- **\*\*natural\_gift\_type\*\*:** (NamedAPIResource) The type of the "Natural Gift" move inherited when using this berry.

...

#### #### Examples

**\*\*Current\*\*:** No examples provided.

**\*\*Improved\*\*:**

...

#### ### Example Request

To get information about the Cheri Berry:

...

```
```bash
```

```
GET https://pokeapi.co/api/v2/berry/1/
```


****Example Response**:**

```
```json
{
 "id": 1,
 "name": "cheri",
 "growth_time": 3,
 "max_harvest": 5,
 "natural_gift_power": 60,
 "size": 20,
 "smoothness": 25,
 "soil_dryness": 15,
 "firmness": {
 "name": "soft",
 "url": "https://pokeapi.co/api/v2/berry-firmness/2/"
 },
 "flavors": [
 {
 "potency": 10,
 "flavor": {
 "name": "spicy",
 "url": "https://pokeapi.co/api/v2/berry-flavor/1/"
 }
 }
],
 "item": {
 "name": "cheri-berry",
 "url": "https://pokeapi.co/api/v2/item/126/"
 },
 "natural_gift_type": {
 "name": "fire",
 "url": "https://pokeapi.co/api/v2/type/10/"
 }
}
```
```

Summary of Improvements

1. ****Consistent Terminology****: Ensure all terms are used consistently.
2. ****Update Regularly****: Add a note about the last update.
3. ****Remove Redundancy****: Consolidate repeated information.
4. ****Improve Structure****: Organize sections logically.
5. ****Complete Information****: Provide thorough explanations.
6. ****Simplify Language****: Use clear, simple language appropriate for the target audience.
7. ****Add Examples****: Include practical examples and use cases.

By implementing these changes, the documentation becomes more accessible, easier to navigate, and more useful to developers working with the PokeAPI Berries resource.