

Pokedex API Challenge



Every Pokemon has their own properties, such as {number, name, types, evolutions}. Now we want to build a Pokedex. Below are requirements of Pokedex API.

Basic Requirements

- Retrieve a Pokemon by identifier

```
{
  number: "001",
  name: "Bulbasaur",
  types: [
    "Grass",
    "Poison"
  ],
  evolutions: [
    {
      number: "002",
      name: "Ivysaur",
      types: [
        "Grass",
        "Poison"
      ]
    }
  ]
}
```

```

    ]
  },
  {
    number: "003",
    name: "Venusaur",
    types: [
      "Grass",
      "Poison"
    ]
  },
]

```

- Create a Pokemon

```

{
  number: "001",
  name: "Bulbasaur",
  types: [
    "Grass",
    "Poison"
  ]
}

```

- Update a Pokemon by identifier

```

{
  number: "001"
  name: "Bulbasaur"
  types: [
    "Grass",
    "Poison"
  ],
}

```

- Delete a Pokemon by identifier. Note that a deleted Pokemon should not be evolution of other Pokemon.

```

{
  number: "001",
  name: "Bulbasaur",
  types: [
    "Grass",
    "Poison"
  ],
}

```

```
    evolutions: [String] // identifiers of Pokemon
}
```

- Retrieve Pokemons filter by types
- Add / Delete evolutions of Pokemon

Additional Requirements

- Please implement Pokedex by Python.
- Implement API followed by RESTful or GraphQL