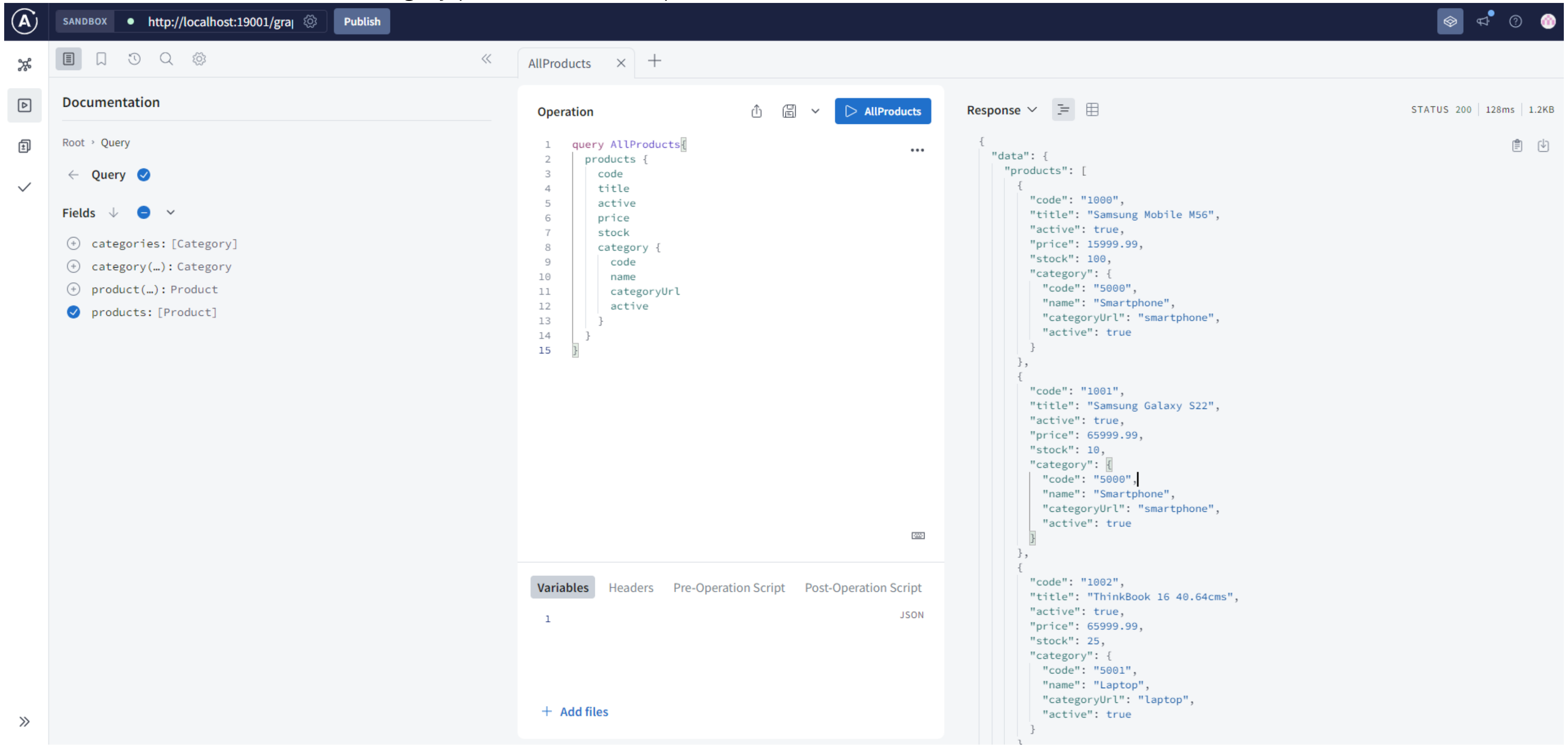
Get All Products with associated category (one to one relation)



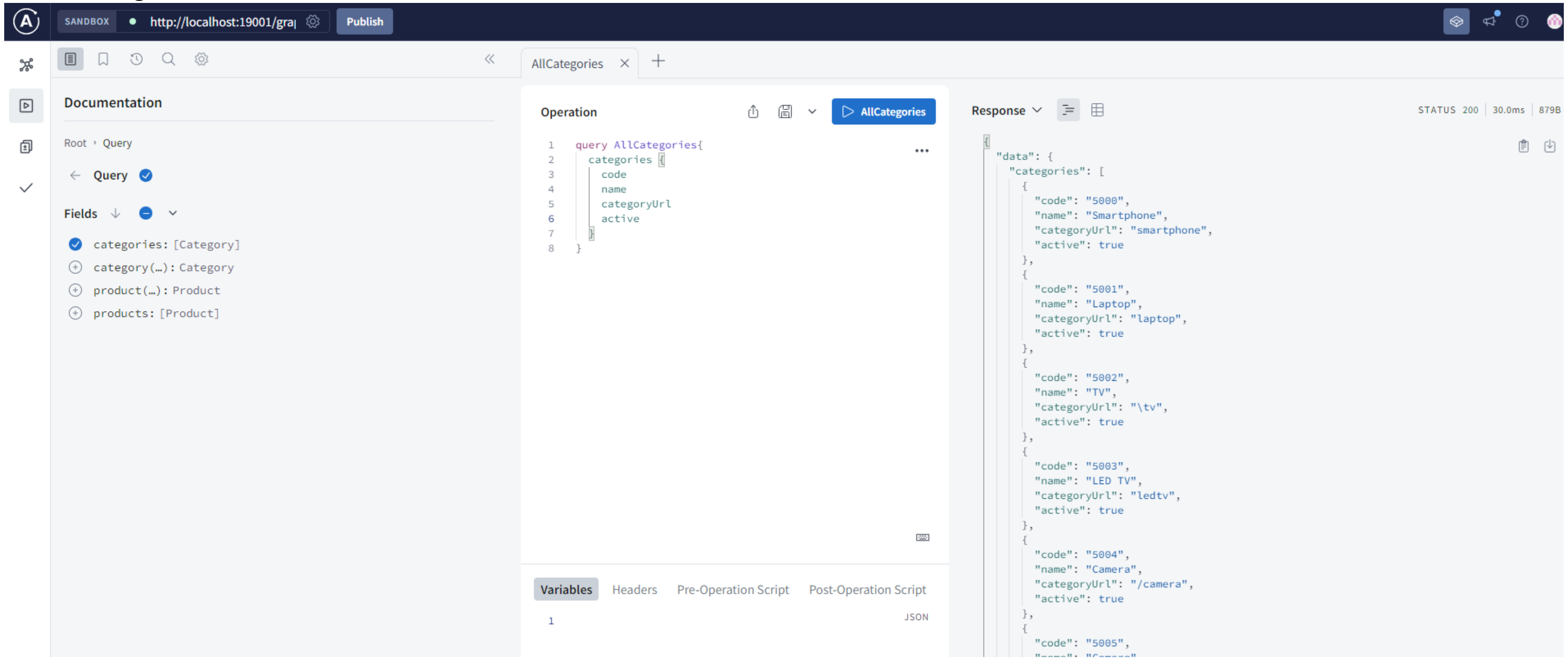
```
categories: [Category]
category(…): Category
product(…): Product
products: [Product]
```

```
query AllProducts{
  products {
    code
    title
    active
    price
    stock
    category {
      code
      name
      categoryUrl
      active
    }
  }
}
```

STATUS 200 | 128ms | 1.2KB

```
{
  "data": {
    "products": [
      {
        "code": "1000",
        "title": "Samsung Mobile M56",
        "active": true,
        "price": 15999.99,
        "stock": 100,
        "category": {
          "code": "5000",
          "name": "Smartphone",
          "categoryUrl": "smartphone",
          "active": true
        }
      },
      {
        "code": "1001",
        "title": "Samsung Galaxy S22",
        "active": true,
        "price": 65999.99,
        "stock": 10,
        "category": {
          "code": "5000",
          "name": "Smartphone",
          "categoryUrl": "smartphone",
          "active": true
        }
      },
      {
        "code": "1002",
        "title": "ThinkBook 16 40.64cms",
        "active": true,
        "price": 65999.99,
        "stock": 25,
        "category": {
          "code": "5001",
          "name": "Laptop",
          "categoryUrl": "laptop",
          "active": true
        }
```

Get All Categories:

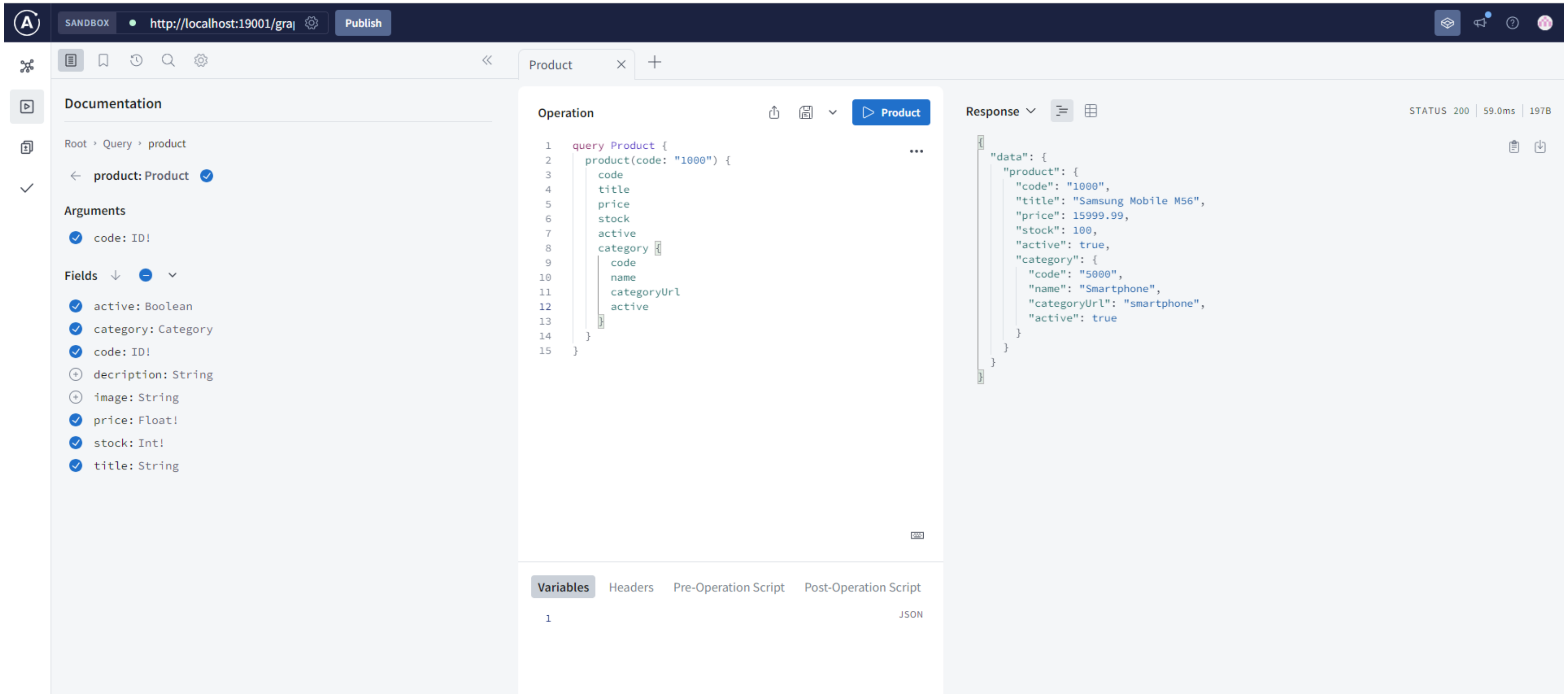


```
categories: [Category]
category(…): Category
product(…): Product
products: [Product]
```

```
query AllCategories{
  categories {
    code
    name
    categoryUrl
    active
  }
}
```

```
{
  "data": {
    "categories": [
      {
        "code": "5000",
        "name": "Smartphone",
        "categoryUrl": "smartphone",
        "active": true
      },
      {
        "code": "5001",
        "name": "Laptop",
        "categoryUrl": "laptop",
        "active": true
      },
      {
        "code": "5002",
        "name": "TV",
        "categoryUrl": "\tv",
        "active": true
      },
      {
        "code": "5003",
        "name": "LED TV",
        "categoryUrl": "ledtv",
        "active": true
      },
      {
        "code": "5004",
        "name": "Camera",
        "categoryUrl": "/camera",
        "active": true
      },
      {
        "code": "5005",
```

Query – find Product By Code



Arguments

- code: ID!

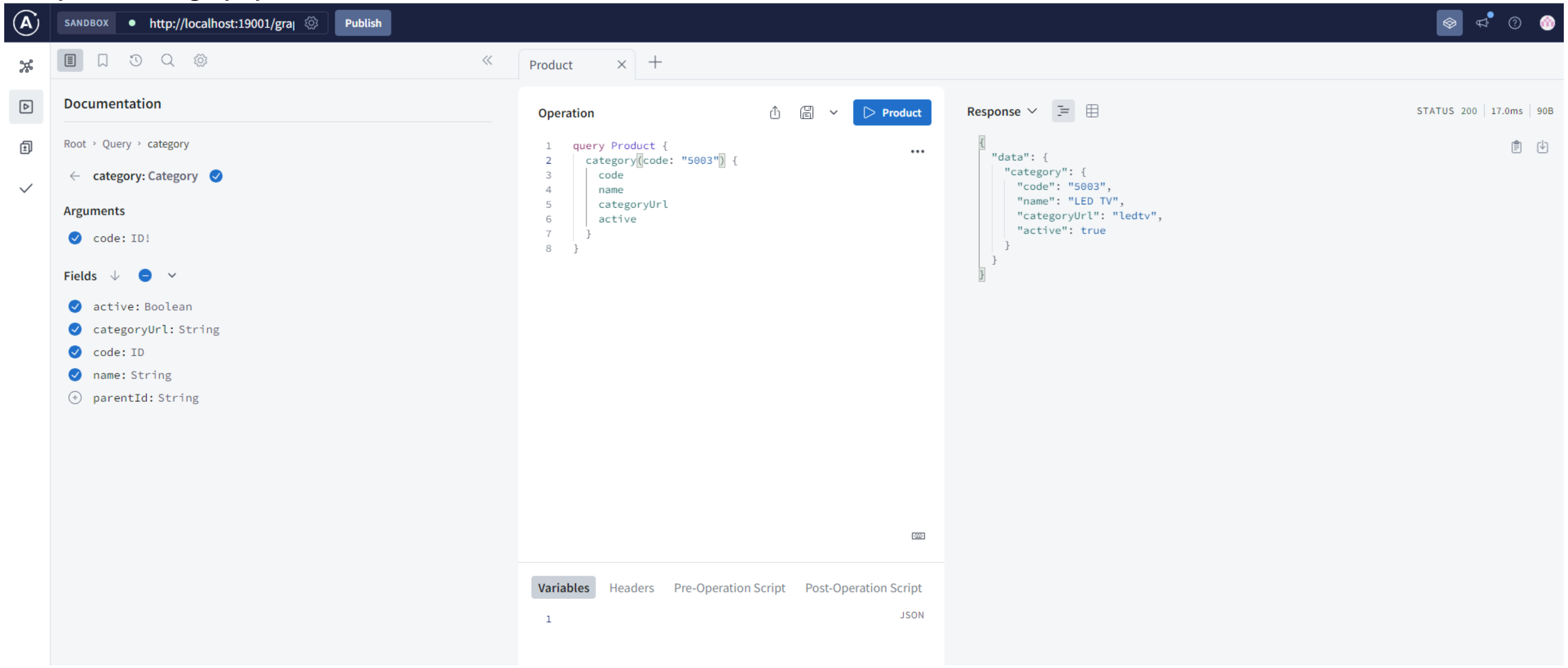
Fields

- active: Boolean
- category: Category
- code: ID!
- decription: String
- image: String
- price: Float!
- stock: Int!
- title: String

```
query Product {
  product(code: "1000") {
    code
    title
    price
    stock
    active
    category {
      code
      name
      categoryUrl
      active
    }
  }
}
```

```
{
  "data": {
    "product": {
      "code": "1000",
      "title": "Samsung Mobile M56",
      "price": 15999.99,
      "stock": 100,
      "active": true,
      "category": {
        "code": "5000",
        "name": "Smartphone",
        "categoryUrl": "smartphone",
        "active": true
      }
    }
  }
}
```

Query – find Category By Code



category: Category

Arguments

code: ID!

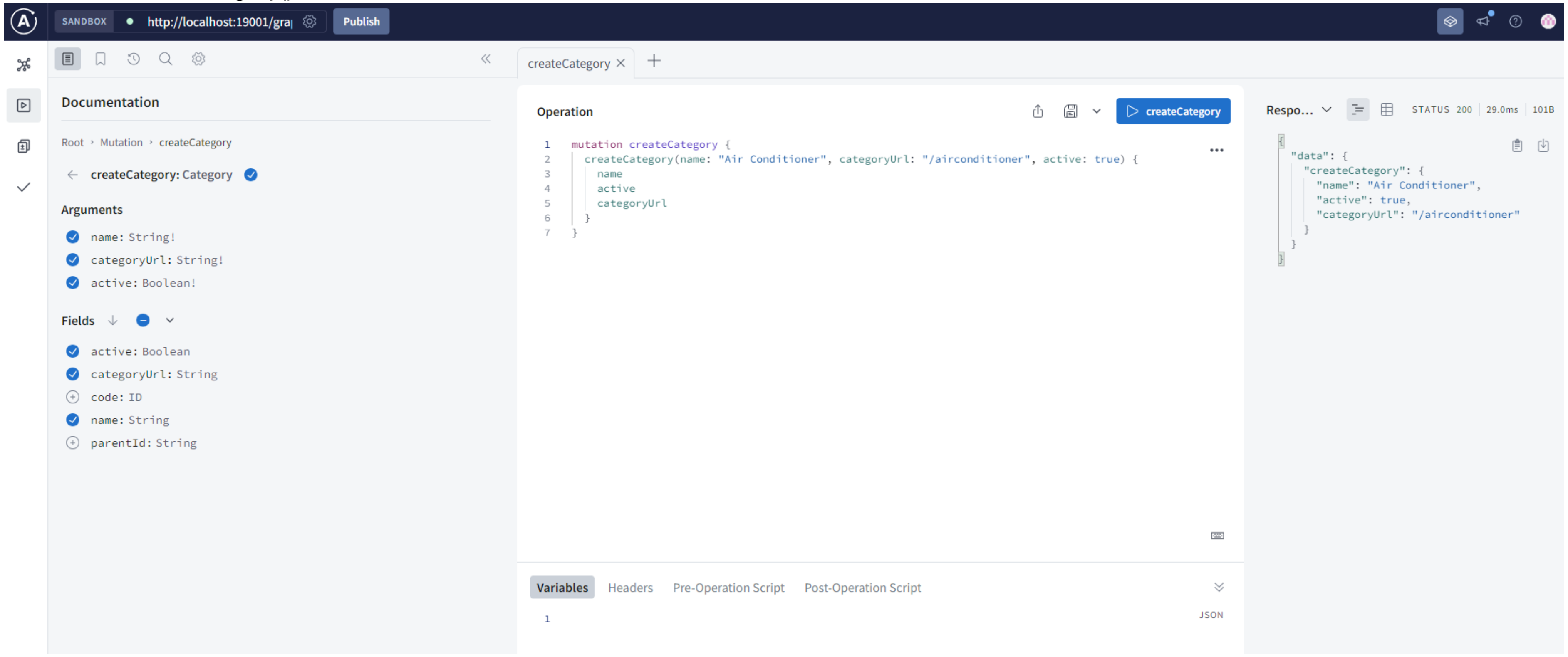
Fields

active: Boolean
categoryUrl: String
code: ID
name: String
parentId: String

```
query Product {
  category(code: "5003") {
    code
    name
    categoryUrl
    active
  }
}
```

```
{
  "data": {
    "category": {
      "code": "5003",
      "name": "LED TV",
      "categoryUrl": "ledtv",
      "active": true
    }
  }
}
```

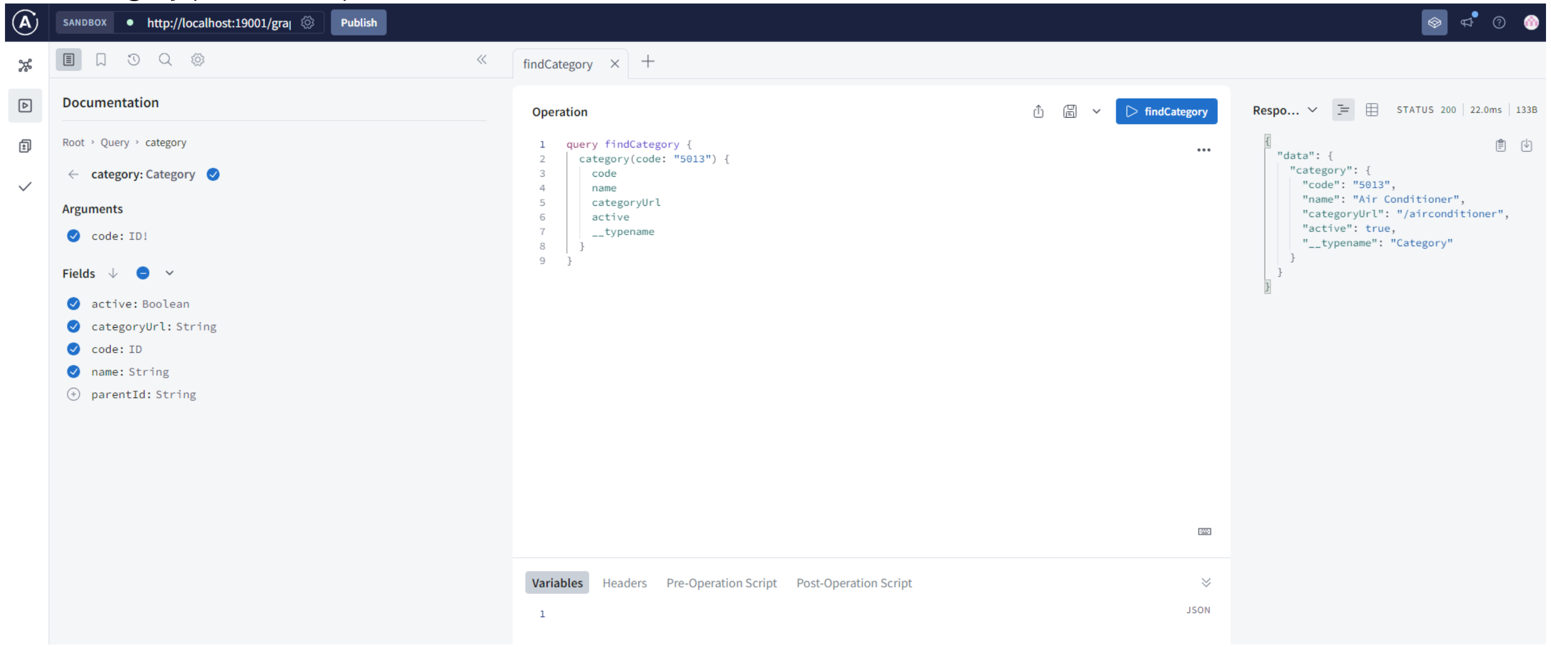
Mutation - createCategory() – Code 5013



```graphql
mutation createCategory {
  createCategory(name: "Air Conditioner", categoryUrl: "/airconditioner", active: true) {
    name
    active
    categoryUrl
  }
}
```

```json
{
  "data": {
    "createCategory": {
      "name": "Air Conditioner",
      "active": true,
      "categoryUrl": "/airconditioner"
    }
  }
}
```

Find Category (code : 5013)



```graphql
query findCategory {
  category(code: "5013") {
    code
    name
    categoryUrl
    active
    __typename
  }
}
```

```json
{
  "data": {
    "category": {
      "code": "5013",
      "name": "Air Conditioner",
      "categoryUrl": "/airconditioner",
      "active": true,
      "__typename": "Category"
    }
  }
}
```