# **API Documentation**

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## **Example Requests**

## **Example URI: /component**

#### **Request Data**

```
Method:POST
Query String:
Request Data:
{
    "name" : "Component Name"
}
```

## Response

```
Content Type: application/json
Response Code: 201
Reponse Content:

{
    "id" : "524c8bf5e4b0ba0bfd388967",
    "name" : "Component Name",
    "url" : "/component/524c8bf5e4b0ba0bfd388967"}
}
```

# **Example URI: /component**

## **Request Data**

```
Method:POST
Query String:
Request Data:
```

{

```
"name" : "Component Name"
}
```

### Response

```
Content Type: application/json
Response Code: 201
Reponse Content:
{
    "id" : "524c8bf5e4b0ba0bfd388968",
    "name" : "Component Name",
    "url" : "/component/524c8bf5e4b0ba0bfd388968"}
}
```

## **Example URI: /component**

## **Request Data**

```
Method:POST
Query String:
Request Data:
{
    "name" : "Component Name"
}
```

```
Content Type: application/json
Response Code: 201
Reponse Content:

{
    "id" : "524c8bf5e4b0ba0bfd388969",
    "name" : "Component Name",
    "url" : "/component/524c8bf5e4b0ba0bfd388969"
}
```

# **Example URI: /component**

#### **Request Data**

```
Method:POST
Query String:
Request Data:

{
    "name" : "Component Name"
}
```

#### Response

```
Content Type: application/json
Response Code: 201
Reponse Content:

{
    "id" : "524c8bf5e4b0ba0bfd38896a",
    "name" : "Component Name",
    "url" : "/component/524c8bf5e4b0ba0bfd38896a"}
}
```

# **Example URI: /component**

#### **Request Data**

```
Method:POST
Query String:
Request Data:
{
    "name" : "component1"
}
```

## Response

 ${\bf Content\ Type:\ application/json}$ 

Response Code: 201 Reponse Content:

```
{
   "id" : "524c8bf6e4b0ba0bfd38896b",
   "name" : "component1",
   "url" : "/component/524c8bf6e4b0ba0bfd38896b"
}
```

## **Example URI: /component**

#### **Request Data**

```
Method:POST
Query String:
Request Data:
{
    "name" : "component2"
}
```

### Response

```
Content Type: application/json
Response Code: 201
Reponse Content:
{
    "id" : "524c8bf6e4b0ba0bfd38896c",
    "name" : "component2",
    "url" : "/component/524c8bf6e4b0ba0bfd38896c"}
}
```

## **Example URI: /component**

### **Request Data**

```
Method:POST
Query String:
Request Data:
```

{

```
"name" : "Component Name"
}
```

#### Response

```
Content Type: application/json
Response Code: 201
Reponse Content:

{
    "id" : "524c8bf6e4b0ba0bfd38896d",
    "name" : "Component Name",
    "url" : "/component/524c8bf6e4b0ba0bfd38896d"}
}
```

## **Example URI: /component**

## **Request Data**

```
Method:POST
Query String:
Request Data:
{
    "name" : "Component Name"
}
```

```
Content Type: application/json
Response Code: 201
Reponse Content:

{
    "id" : "524c8bf6e4b0ba0bfd38896e",
    "name" : "Component Name",
    "url" : "/component/524c8bf6e4b0ba0bfd38896e"}
}
```

## Example URI: /component/524c8bf5e4b0ba0bfd388969

### **Request Data**

```
Method:PUT
Query String:
Request Data:

{
    "id" : "524c8bf5e4b0ba0bfd388969",
    "name" : "Component Name"
}
```

### Response

```
Content Type: application/json
Response Code: 200
Reponse Content:
{
    "id" : "524c8bf5e4b0ba0bfd388969",
    "name" : "Component Name",
    "url" : "/component/524c8bf5e4b0ba0bfd388969"}
```

# Example URI: /component/524c8bf5e4b0ba0bfd38896a

## **Request Data**

```
Method:PUT
Query String:
Request Data:
```

null

```
Content Type: application/json
Response Code: 400
Reponse Content:
```

```
"messages" : {
    "applicationErrors" : [ "Error Code: 75433 - component.invalid.id" ]
}
```

## Example URI: /component/524c8bf5e4b0ba0bfd38896a

#### **Request Data**

```
Method:PUT
Query String:
Request Data:
{
    "name" : "Component Name"
}
```

#### Response

```
Content Type: application/json
Response Code: 400
Reponse Content:
{
    "messages" : {
        "applicationErrors" : [ "Error Code: 64230 - component.invalid.id" ]
     }
}
```

## Example URI: /component/524c8bf5e4b0ba0bfd38896a

### **Request Data**

```
Method:PUT
Query String:
Request Data:

{
    "id": "invalid-id",
```

```
"name" : "Component Name"
}
```

#### Response

```
Content Type: application/json
Response Code: 400
Reponse Content:
{
    "messages" : {
        "applicationErrors" : [ "Error Code: 93103 - component.invalid.id" ]
    }
}
```

# Example URI: /component/524c8bf5e4b0ba0bfd388967

#### **Request Data**

Method:GET Query String: Request Data:

## Response

```
Content Type:
Response Code: 200
Reponse Content:

{
   "id" : "524c8bf5e4b0ba0bfd388967",
   "name" : "Component Name",
   "url" : "/component/524c8bf5e4b0ba0bfd388967"}
}
```

## Example URI: /component/name/Component % 20 Name

### **Request Data**

Method:GET Query String: Request Data:

## Response

```
Content Type:
Response Code: 200
Reponse Content:

{
   "id" : "524c8bf5e4b0ba0bfd388968",
   "name" : "Component Name",
   "url" : "/component/524c8bf5e4b0ba0bfd388968"
}
```

# Example URI: /component/name/notthere

## **Request Data**

Method:GET Query String: Request Data:

### Response

Content Type: Response Code: 200 Reponse Content:

## **Example URI: /component**

## **Request Data**

Method:GET Query String: name=component1 Request Data:

#### Response

```
Content Type:
Response Code: 200
Reponse Content:
{
  "searchResults" : [ {
    "id" : "524c8bf6e4b0ba0bfd38896b",
    "name" : "component1",
    "url" : "/component/524c8bf6e4b0ba0bfd38896b"
  } ],
  "currentPage" : 0,
  "returnCount" : 1,
  "pageSize" : 10,
  "totalCount" : 1,
  "sortKey" : "_id",
  "sortDirection" : "ASC",
  "nextPageUrl" : null,
  "prevPageUrl" : null
}
```

# **Example URI: /component**

#### **Request Data**

Method:GET

Query String: name=component2

**Request Data:** 

```
Content Type:
Response Code: 200
Reponse Content:
{
    "searchResults" : [ {
        "id" : "524c8bf6e4b0ba0bfd38896c",
        "name" : "component2",
```

```
"url" : "/component/524c8bf6e4b0ba0bfd38896c"
} ],
"currentPage" : 0,
"returnCount" : 1,
"pageSize" : 10,
"totalCount" : 1,
"sortKey" : "_id",
"sortDirection" : "ASC",
"nextPageUrl" : null,
"prevPageUrl" : null
}
```

## **Example URI: /component**

### **Request Data**

Method:GET Query String: name=invalid Request Data:

#### Response

**Content Type:** 

```
Response Code: 200
Reponse Content:

{
    "searchResults" : [ ],
    "currentPage" : 0,
    "returnCount" : 0,
    "pageSize" : 10,
    "totalCount" : 0,
    "sortKey" : "_id",
    "sortDirection" : "ASC",
    "nextPageUrl" : null,
    "prevPageUrl" : null
}
```

## **Example URI: /component**

#### **Request Data**

**Method:**GET

Query String: name=component

**Request Data:** 

### Response

```
Content Type:
Response Code: 200
Reponse Content:
{
  "searchResults" : [ {
    "id" : "524c8bf6e4b0ba0bfd38896b",
    "name" : "component1",
    "url" : "/component/524c8bf6e4b0ba0bfd38896b"
    "id" : "524c8bf6e4b0ba0bfd38896c",
    "name" : "component2",
    "url" : "/component/524c8bf6e4b0ba0bfd38896c"
  } ],
  "currentPage" : 0,
  "returnCount" : 2,
  "pageSize" : 10,
  "totalCount" : 2,
  "sortKey" : "_id",
  "sortDirection" : "ASC",
  "nextPageUrl" : null,
  "prevPageUrl" : null
}
```

# Example URI: /component/524c8bf6e4b0ba0bfd38896d

### **Request Data**

Method:GET Query String: Request Data:

### Response

**Content Type:** 

Response Code: 200 Reponse Content:

# Example URI: /component/524c8bf6e4b0ba0bfd38896d

## **Request Data**

Method:DELETE Query String: Request Data:

## Response

**Content Type:** 

Response Code: 204 Reponse Content: