

Record APIs - Creating And Modifying Data

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The platform's Record APIs can be used to create and modify data in the form of individual records.

Creating a new record

The platform's record APIs can be used to create a record of a specific type (a "Record Type").

The pattern for the URL used to create a new record of a specific (preview) record type is:

```
POST https://{mydomain}.readinow.com/api/v1/preview/records/{record-type-name}
```

The pattern for the URL used to create a new record of a specific (published) record type is:

```
POST https://{mydomain}.readinow.com/api/v1/records/{record-type-name}/r{record-type-revision}
```

The request body must be JSON (Content-Type "application/json") in the following format:

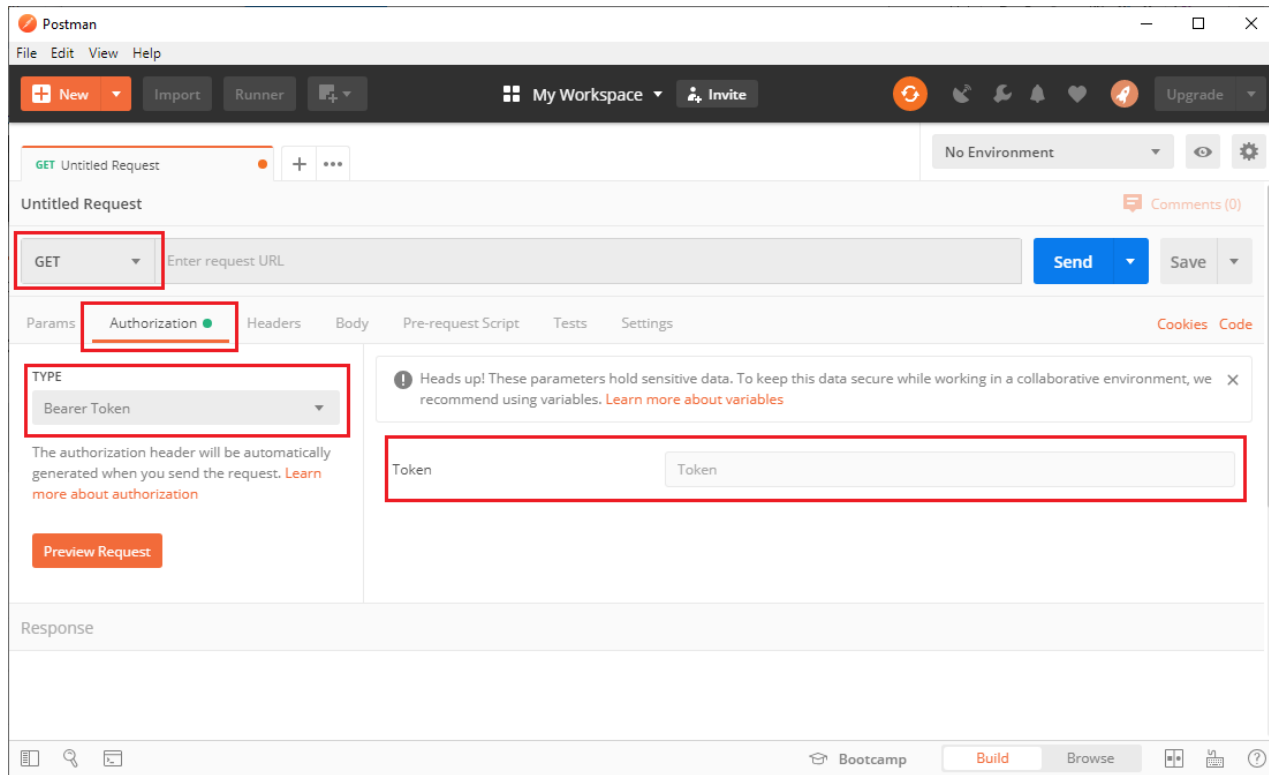
```
{
  "data": {
    "field1": "Hello",
    "field2": "World",
    "field3": 12345,
    "relationship1": [
      { "id": "f0c5b86d-d021-4c87-9213-1b9c1b5e3ed2" },
      { "id": "963afbe3-1376-429d-9e1c-6ae0af787747" }
    ]
  }
}
```

Note that the exact request body format for a given *Record Type* can be viewed in the Sandbox (Swagger) interface for that *Record Type*.

Example

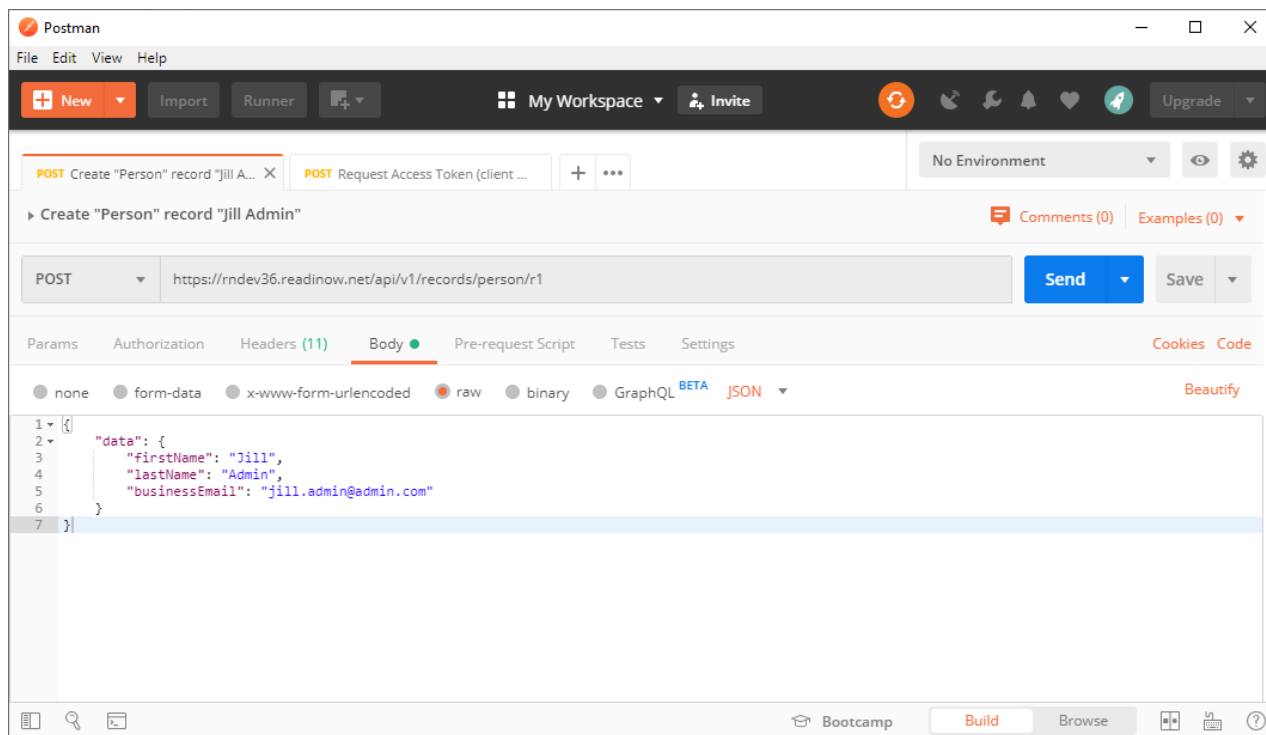
Using **Postman**, a new request was created and GET was selected from the method drop down.

Selected the *Authorization* tab and for the Type drop down, *Bearer Token* was selected.



The value of the Response Payload attribute called “*access_token*” generated using the token service was pasted into the *Token* field (Refer to **Record APIs - Getting Started**, under *Requesting an Access Token* for instructions on how to generate the Access Token).

The *Params* tab was selected and populated as shown in the screenshot below. This example is how to create a new *Person* record.



The *Person* record is created, which results in the following response:

```
{
  "status": "Success",
  "message": "Created new 'Person' (R1) record with UID '6bb04efa-dfc5-41cc-86cd-c32c6db818a3'.",
  "correlationCode": "Z067214-081002",
  "type": {
    "id": 16017,
    "name": "Person",
    "slug": "person",
    "application": {
      "name": "ReadiNow Core"
    }
  },
  "revision": 1
},
"data": {
  "uid": "6bb04efa-dfc5-41cc-86cd-c32c6db818a3",
  "lid": 62120,
  "firstName": "Jill",
  "lastName": "Admin",
  "businessEmail": "jill.admin@admin.com",
  "primaryPhone": "Business",
  "primaryEmail": "Business"
}
}
```

Updating an existing record

The platform can be used to modify an existing record of a specific type (a "Record Type"). Each record has a unique identifier (UID) which is fixed for the lifetime of that record.

The pattern for the URL used to modify an existing record of a specific (preview) record type is:

```
PATCH https://{mydomain}.readinow.com/api/v1/preview/records/{record-type-name}
/by/uid/{record-uid}
```

The pattern for the URL used to modify an existing record of a specific (published) record type is:

```
PATCH https://{mydomain}.readinow.com/api/v1/records/{record-type-name}/r{reco
rd-type-revision}/by/uid/{record-uid}
```

The request body must be JSON (Content-Type "application/json") in the following format:

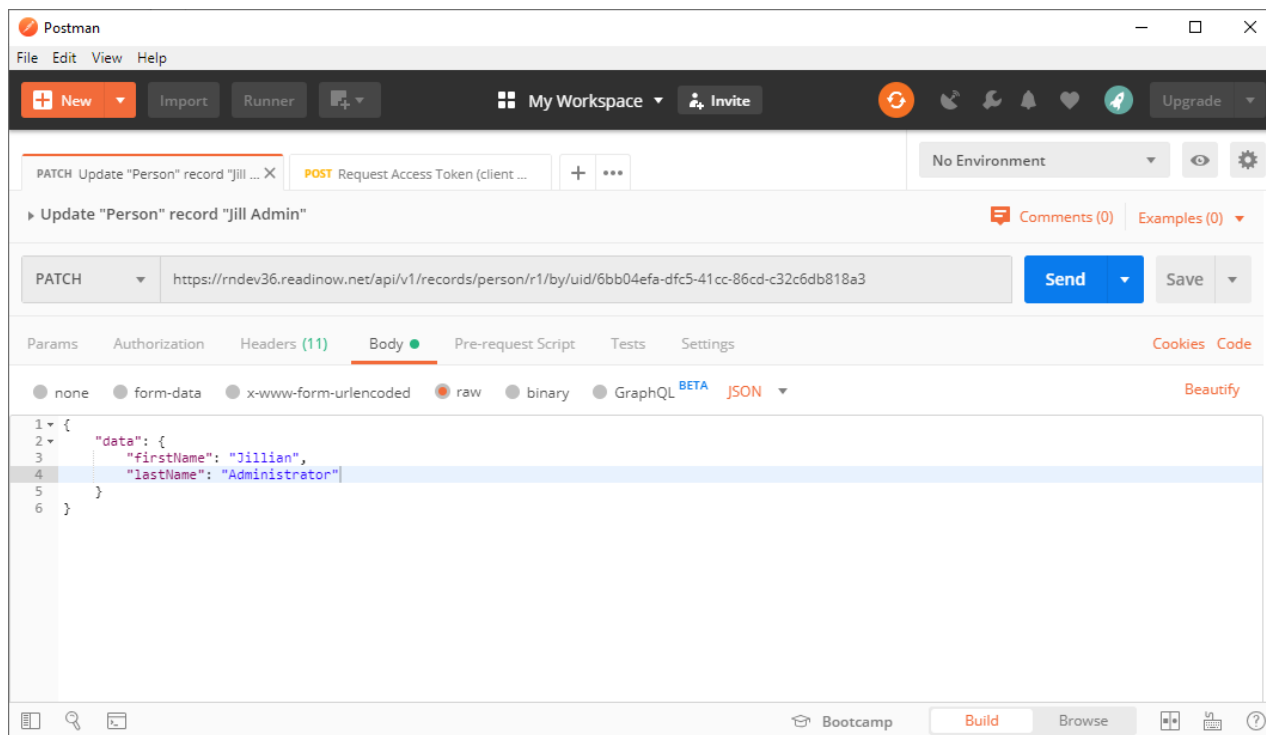
```
{
  "data": {
    "field1": "Hello",
    "field2": "World",
    "field3": 12345,
    "relationship1": [
      { "id": "f0c5b86d-d021-4c87-9213-1b9c1b5e3ed2" },
      { "id": "963afbe3-1376-429d-9e1c-6ae0af787747" }
    ]
  }
}
```

When updating a record, you only supply values for fields or relationships that you want to modify.

Note that the exact request body format for a given *Record Type* can be viewed in the Sandbox (Swagger) interface for that *Record Type*.

Example

The following example uses [Postman](#) to modify the *Person* record with UID "6bb04efadfc5-41cc-86cd-c32c6db818a3".



Which returns the following response:

```
{
  "status": "Success",
  "message": "Updated 'Person' (R1) record with UID '6bb04efa-dfc5-41cc-86cd-c32c6db818a3'.",
  "correlationCode": "Z829511-081026",
  "type": {
    "id": 16017,
    "name": "Person",
    "slug": "person",
    "application": {
      "name": "ReadiNow Core"
    }
  },
  "revision": 1
},
"data": {
  "uid": "6bb04efa-dfc5-41cc-86cd-c32c6db818a3",
  "lid": 62120,
  "firstName": "Jillian",
  "lastName": "Administrator",
  "businessEmail": "jill.admin@admin.com",
  "primaryPhone": "Business",
  "primaryEmail": "Business"
}
}
```