Desenvolvimento de Aplicações Web

Desenvolvimento de uma Web API



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# Model

Database entity model:

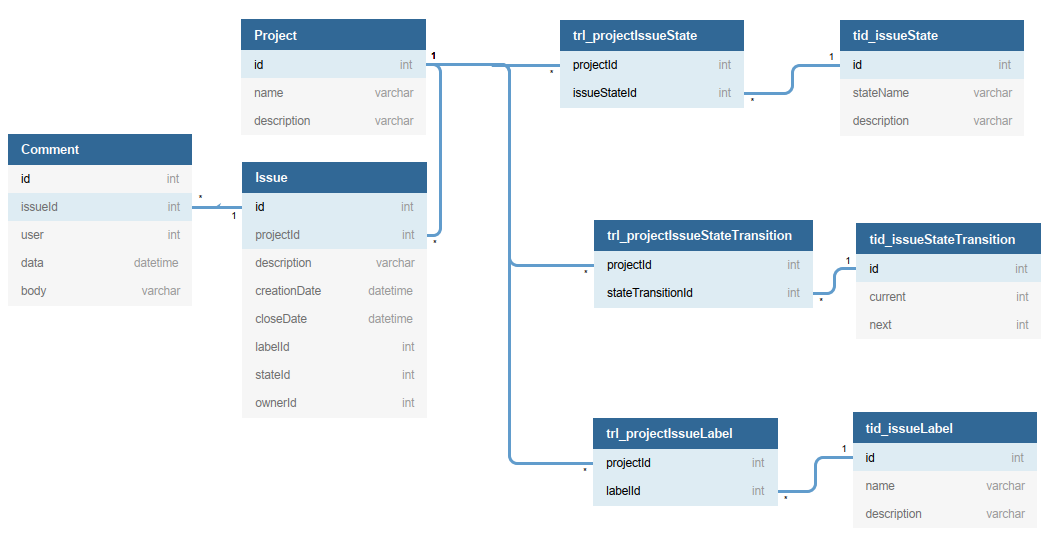


Figura 1 - Modelo base de dados

# Vocabulary

**Project** – resource that represents a long time running activity.

**Issue** - resource that represents a task that needs to be done in the context of a Project.

**Comment** – resource that consists in a text associated to the Issue.

**IssueState** – resource that defines the state that the Issue resource can have.

**IssueStateTransition** – resource used to define the possible issue state transitions.

**IssueLabel** – resource used in the characterization of an issue.

**ProjectIssueState** – resource that defines the possible IssueStates that every Issue of a certain Project can have

**ProjectIssueLabel** - resource that defines the possible IssueLabels that every Issue of a certain Project can have

**ProjectIssueStateTransition** - resource that defines the possible IssueStateTransitions that every Issue of a certain Project can have

**ProjectId** – unique identifier of a Project

**Project.name** – text that characterizes a Project

**Project.description** – text that describes a Project

**IssueId** – unique identifier of an Issue

**Issue.projectId** – references the Project from where the current Issue is a part

**Issue.description** – text that describes the Issue

**Issue.creationDate** – the date and time when the Issue was created.

**Issue.closeDate** – the date and time when the IssueState is set to closed

**Issue.stateId** – the identifier of the IssueState that characterizes the current Issue ate the present moment.

**Issue.labelId** – the identifier of the IssueLabel that is associated to the current Issue.

**Issue.ownerId –** the identifier of the user who created the current Issue.

**CommentId** – unique identifier of a Comment resource.

**Comment.IssueId** – identifier of the Issue from where the current Comment is a part.

**Comment.\_user** – identifier of the user that created the Comment.

**Comment.\_date** – the date and time when the Comment was created.

**Comment.body** – text that consists of an appreciation about the Issue, this is, the comment it self

**IssueStateId** – unique identifier of an IssueState.

**IssueState.StateName** – name associated to an IssueState.

**IssueState.description** – text that describes an IssueState.

**IssueStateTransitionId** – unique identifier of an IssueStateTransition.

**IssueStateTransition.current** – identifies the initial IssueState of the transition.

**IssueStateTransition.next** – identifies the final IssueState of the transition.

**IssueLabelId** – unique identifier of an IssueLabel.

**IssueLabel.name** – name associated to the IssueLabel.

**IssueLabel.description** – text used to describe the IssueLabel.

**AddIssue** – defines the action of creating a new Issue resource associated to a Project.

**UpdateIssue** - defines the action of changing an existing Issue resource associated to a Project.

**DeleteIssue** - defines the action of removing an existing Issue resource associated to a Project.

**AddComment** – defines the action of creating a new Comment resource associated to an Issue.

**UpdateComment** - defines the action of changing an existing Comment resource associated to an Issue.

**DeleteComment** - defines the action of removing an existing Comment resource associated to an Issue.

# Routes

## Project

### GET /api/project/{projectId}

Gets the siren+json hypermedia representation of the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"project"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.ProjectOutputModel",

"name": "Project1 name",

"id": 25,

"description": "Project1 description"

},

"actions": [

{

"name": "AddIssue",

"method": "POST",

"href": "/api/project/25/issue/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "UpdateIssue",

"method": "PUT",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "closeDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "DeleteIssue",

"method": "DELETE",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/"

},

{

"rel": [

"issues"

],

"href": "/api/project/25/issue/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project

Gets the json representation of the collection of Project resource.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### POST /api/project

Creates a new Project resource from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"name": "Project1 name",

"description": "Project1 description"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"project"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.ProjectOutputModel",

"name": "Project1 name",

"id": 25,

"description": "Project1 description"

},

"actions": [

{

"name": "AddIssue",

"method": "POST",

"href": "/api/project/25/issue/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "UpdateIssue",

"method": "PUT",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "closeDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "DeleteIssue",

"method": "DELETE",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/"

},

{

"rel": [

"issues"

],

"href": "/api/project/25/issue/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### PUT /api/project/{projectId}

Updates the Project resource identified by projecteId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| PUT | /api/project/{projectId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"name": "Project1 new name",

"description": "Project1 new description"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"project"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.ProjectOutputModel",

"name": "Project1 new name",

"id": 25,

"description": "Project1 new description"

},

"actions": [

{

"name": "AddIssue",

"method": "POST",

"href": "/api/project/25/issue/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "UpdateIssue",

"method": "PUT",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

},

{

"name": "issueDescription",

"type": "TEXT",

"required": true

},

{

"name": "creationDate",

"type": "DATETIME",

"required": true

},

{

"name": "closeDate",

"type": "DATETIME",

"required": true

},

{

"name": "labelId",

"type": "NUMBER",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "stateId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "DeleteIssue",

"method": "DELETE",

"href": "/api/project/25/issue/{issueid}/",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "issueid",

"type": "NUMBER",

"required": true

},

{

"name": "projectid",

"type": "NUMBER",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/"

},

{

"rel": [

"issues"

],

"href": "/api/project/25/issue/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}

Removes the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## Issue

### GET /api/project/{projectId}/issue/{issueId}

Gets the siren+json hypermedia representation of the Issue resource identified by issueId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectId}/issue/{issueId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |
| issueId | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"issue"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.IssueOutputModel",

"description": "Issue Description",

"projectId": 25,

"issueId": 41,

"ownerId": 12,

"creationDate": "2019-03-31T15:00:00",

"closeDate": null,

"stateId": 1,

"labelId": 1

},

"actions": [

{

"name": "DeleteComment",

"method": "DELETE",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/project/25/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/issue/41"

},

{

"rel": [

"comment"

],

"href": "/api/project/{projectId/issue/{issueId}/comment/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project/{projectId}/issue

Gets the json representation of the collection of Issue resources of the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectId}/issue |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### POST /api/project/{projectId}/issue/

Creates a new Issue resource for the Project resource identified by projectId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project/{projectId}/issue/ |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"description": "Issue Description",

"creationdate": "2019-03-31T15:00:00",

"labelid": "1",

"stateid": "1",

"ownerid": "12"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"issue"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.IssueOutputModel",

"description": "Issue Description",

"projectId": 25,

"issueId": 41,

"ownerId": 12,

"creationDate": "2019-03-31T15:00:00",

"closeDate": null,

"stateId": 1,

"labelId": 1

},

"actions": [

{

"name": "DeleteComment",

"method": "DELETE",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/project/25/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/issue/41"

},

{

"rel": [

"comment"

],

"href": "/api/project/{projectId/issue/{issueId}/comment/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### PUT /api/project/{projectId}/issue/{issueId}

Updates the Issue resource identified by issueId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| PUT | /api/project/{projectId}/issue/{issuestateid} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |
| issuestateid | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"description": "Issue new Description",

"creationdate": "2019-03-31T15:00:00",

"labelid": "2",

"stateid": "2",

"ownerid": "12"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"issue"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.IssueOutputModel",

"description": "Issue new Description",

"projectId": 25,

"issueId": 41,

"ownerId": 12,

"creationDate": "2019-03-31T15:00:00",

"closeDate": null,

"stateId": 2,

"labelId": 2

},

"actions": [

{

"name": "DeleteComment",

"method": "DELETE",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/project/25/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/25/issue/41/comment/{commentId}",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "userId",

"type": "NUMBER",

"required": true

},

{

"name": "date",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/25/issue/41"

},

{

"rel": [

"comment"

],

"href": "/api/project/{projectId/issue/{issueId}/comment/"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}/issue/{issueId}

Removes the Issue resource identified by issueId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectId}/issue/{issuestateid} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |
| issuestateid | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## Comment

### GET /api/project/{projectId}/issue/{issueId}/comment/{commentId}

Gets the siren+json hypermedia representation of the Comment resource identified by commentId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectId}/issue/{issueId}/comment/{commentId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | integer | true |
| issueId | integer | true |
| commentId | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"comment"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.CommentOutputModel",

"owner": 1,

"date": "2019-04-05T00:00:00",

"body": "test test test",

"commentId": 16,

"issueId": 41

},

"actions": [

{

"name": "DeleteComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/comment/api/project/{projectId}/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/{projectId}/issue/41/comment/16"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project/{projectId}/issue/{issueId}/comment

Gets the json representation of the collection of Comment resources for the Issue resource identified by issueId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectId}/issue/{issueId}/comment |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |
| issueId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json, application/problem+json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### POST /api/project/{projectId}/issue/{issueId}/comment

Creates a new Comment resource for the Issue resource identified by issueId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project/{projectId}/issue/{issueId}/comment |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |
| issueId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"\_user": "1",

"\_date": "2019-04-05T00:00:00",

"body": "test test test"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"comment"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.CommentOutputModel",

"owner": 1,

"date": "2019-04-05T00:00:00",

"body": "test test test",

"commentId": 16,

"issueId": 41

},

"actions": [

{

"name": "DeleteComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/comment/api/project/{projectId}/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/{projectId}/issue/41/comment/16"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### PUT /api/project/{projectId}/issue/{issueId}/comment/{commentId}

Updates the Comment resource identified by commentId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| PUT | /api/project/{projectId}/issue/{issueId}/comment/{commentId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |
| issueId | Integer | true |
| commentId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/vnd.siren+json, application/problem+json |

#### Request body

{

"\_user": "1",

"\_date": "2019-04-05T00:00:00",

"body": "new comment"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/vnd.siren+json |

#### Response Body

{

"class": [

"comment"

],

"properties": {

"$siren4j.class": "pt.ipl.isel.leic.daw.project.model.output.CommentOutputModel",

"owner": 1,

"date": "2019-04-05T00:00:00",

"body": "new comment",

"commentId": 16,

"issueId": 41

},

"actions": [

{

"name": "DeleteComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

}

]

},

{

"name": "AddComment",

"method": "POST",

"href": "/api/comment/api/project/{projectId}/issue/41/comment",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

},

{

"name": "UpdateComment",

"method": "PUT",

"href": "/api/project/{projectId}/issue/41/comment/16",

"type": "application/x-www-form-urlencoded",

"fields": [

{

"name": "projectId",

"type": "NUMBER",

"required": true

},

{

"name": "issueId",

"type": "NUMBER",

"required": true

},

{

"name": "creationDate",

"type": "DATETIMELOCAL",

"required": true

},

{

"name": "ownerId",

"type": "NUMBER",

"required": true

},

{

"name": "commentId",

"type": "NUMBER",

"required": true

},

{

"name": "body",

"type": "TEXT",

"required": true

}

]

}

],

"links": [

{

"rel": [

"self"

],

"href": "/api/project/{projectId}/issue/41/comment/16"

}

]

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}/issue/{issueId}/comment/{commentId}

Removes the Comment resource identified by commentId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectId}/issue/{issueId}/comment/{commentId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectId | Integer | true |
| issueId | Integer | true |
| commentId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## IssueState

### GET /api/issueState/{issueStateId}

Gets the json representation of the IssueState resource identified by issueStateId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issueState/{issueStateId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| issueStateId | integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"issuestateid": 1,

"stateName": "new",

"stateDescription": "new issue"

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/issueState

Gets the json representation of the collection of available IssueState resources.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issueState |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

[

{

"issuestateid": 1,

"stateName": "new",

"stateDescription": "new issue"

},

{

"issuestateid": 2,

"stateName": "active",

"stateDescription": "issue is active"

},

{

"issuestateid": 3,

"stateName": "closed",

"stateDescription": "closed issue"

},

{

"issuestateid": 4,

"stateName": "archived",

"stateDescription": "archived issue"

}

]

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## IssueStateTransition

### GET /api/issueStateTransition/{issueStateTransitionId}

Gets the siren+json hypermedia representation of the IssueStateTransition resource identified by issueStateTransitionId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issueStateTransition/{issueStateTransitionId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| issueStateTransitionId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |
|  |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"issuestatetransitionid": 1,

"current": "1",

"next": "2"

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/issueStateTransition

Gets the json representation of the collection of available IssueStateTransition resources.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issueStateTransition |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | Application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

[

{

"issuestatetransitionid": 1,

"current": "1",

"next": "2"

},

{

"issuestatetransitionid": 2,

"current": "2",

"next": "3"

},

{

"issuestatetransitionid": 3,

"current": "3",

"next": "2"

},

{

"issuestatetransitionid": 4,

"current": "3",

"next": "4"

}

]

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## IssueLabel

### GET /api/issuelabel/{issueLabelId}

Gets the json representation of the IssueLabel resource identified by issueLabelId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issuelabel/{issueLabelId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| issueLabelId | Inter | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | Application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"issuelabelid": 1,

"name": "defect",

"description": "defect"

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/issueLabel

Gets the json representation of the collection of available IssueLabel resources.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/issueLabel |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

JSON HERE

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## ProjectIssueState

### POST /api/project/{projectid}/issueState

Creates a new IssueState resource for the Project resource identified by projectId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project/{projectid}/issueState |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/json |

#### Request body

{

"issuestateid": "1"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"projectid": 13,

"issuestateid": 1

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project/{projectid}/issueState

Gets the json representation of the collection of IssueState resources for the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectid}/issueState |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| Projected | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}/issueState/{issueStateId}

Removes the IssueState resource identified by issueStateId for the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectid}/issueState/{issueStateId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |
| issueStateId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## ProjectIssueStateTransition

### POST /api/project/{projectid}/issueStateTransition

Creates a new IssueStateTransition resource for the Project resource identified by projectID, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project/{projectid}/issueStateTransition |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| Projectid | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/json |

#### Request body

{

"statetransitionid": "1"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"projectid": 13,

"statetransitionid": 1

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project/{projectid}/issueStateTransition

Gets the json representation of the collection of IssueStateTransition resources for the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectid}/issueStateTransition |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}/issueStateTransition/{issueStateTransitionId}

Removes the IssueStateTransition resource identified by issueStateTransitionId for the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectid}/issueStateTransition/{issueStateTransitionId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |
| issueStateTransitionId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

## ProjectIssueLabel

### POST /api/project/{projectid}/issueLabel

Creates a new IssueLabel resource for the Project resource identified by projectId, from the json representation.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| POST | /api/project/{projectid}/issueLabel |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |
| Authorization | Basic <credentials> |
| Accept | application/json |

#### Request body

{

"labelid": "1"

}

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 201 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

{

"projectid": 13,

"labelid": 1

}

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### GET /api/project/{projectid}/issueLabel

Gets the json representation of the collection of IssueLabel resources for the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| GET | /api/project/{projectid}/issueLabel |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |
| Accept | application/json |

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |

### DELETE /api/project/{projectId}/issueLabel/{issueLabelId}

Removes the IssueLabel resource identified by issueLabelId of the Project resource identified by projectId.

REQUEST MESSAGE:

|  |  |
| --- | --- |
| Method | URI |
| DELETE | /api/project/{projectid}/issueLabel/{issueLabelId} |

#### Path parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Required |
| projectid | Integer | true |
| issueLabelId | Integer | true |

#### Request Headers

|  |  |
| --- | --- |
| Name | Value |
| Authorization | Basic <credentials> |

#### Request body

(add JSON)

SUCCESS RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 200 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/json |

#### Response Body

(add JSON)

ERROR RESPONSE MESSAGE:

#### Possible status code

|  |
| --- |
| Status |
| 400 |
| 401 |
| 404 |
| 500 |

#### Response Headers

|  |  |
| --- | --- |
| Name | Value |
| Content-Type | application/problem+json |