

4.10 Pin Service

Pin Service

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Pin Service

Pins are relation between an issue and an object. It defines position of an issue in the 3D space. Please see the detailed structure of the pin in the [Object Model](#)

- Please use the [Bimplus Issue Service](#) for creating a pin or for getting/deleting all the pins assigned to an issue

Get details of the pin

URL / Resource / JSON Structure

Resource: pins/<pin_id>

URL: https://api-stage.bimplus.net/v2/<team_slug>/pins/<pin_id>

Example:<https://api-stage.bimplus.net/v2/bimplus/pins/8836308d-f09f-4bb7-b6d2-354a2db205a6>

HTTP Method

GET

Description

Get details of a specified pin.

Request

Headers
Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088 Content-Type: application/json

Response

Status
Status: 200 OK

JSON

```
{
  "issueId": "8ead8bfe-ab23-4340-ac47-38181e83bff3",
  "objectId": "7cf910cb-e357-43f6-aa3a-b45c26380f75",
  "topologyNodeId": "387fa6cc-b6f9-4470-8c42-c07982aba660",
  "position": {
    "x": 123.45,
    "y": 234.56,
    "z": 345.67
  },
  "normalVector": {
    "x": 0,
    "y": 1,
    "z": 2
  },
  "createdAt": "2013-06-07T10:07:00",
  "id": "8836308d-f09f-4bb7-b6d2-354a2db205a6"
}
```

Update the pin

URL / Resource / JSON Structure

Resource: pins/<pin_id>

URL: https://api-stage.bimplus.net/v2/<team_slug>/pins/<pin_id>

Example: <https://api-stage.bimplus.net/v2/bimplus/pins/8836308d-f09f-4bb7-b6d2-354a2db205a6>

JSON Structure:

Name	Mandatory / Optional	Type	Description
issueId	mandatory	string (guid)	The id of the issue to which the pin is related
objectId	mandatory	string (guid)	The id of the object to which the pin is related
newObjectId	optional	string (guid)	It should be specified when the pin is assigned to another object via update
topologyNodeId	optional	string (guid)	The id of the topology to which the pin is attached
position	optional	object	The position of the issue in the building (x,y,z co-ordinates)
normalVector	optional	object	The direction of the issue in the 3D space (x,y,z co-ordinates)
createdAt	will be ignored	date	Creation date of the pin

HTTP Method

PUT

Description

Update or replace a specified existing pin with a new one.

Request

Headers

Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088
Content-Type: application/json

JSON

```
{
  "issueId": "8ead8bfe-ab23-4340-ac47-38181e83bff3",
  "objectId": "7cf910cb-e357-43f6-aa3a-b45c26380f75",
  "position": {
    "x": 123.45,
    "y": 234.56,
    "z": 345.67
  },
  "normalVector": {
    "x": 0,
    "y": 1,
    "z": 2
  }
}
```

Response

Status

Status: 200 OK

Delete the pin

URL / Resource / JSON Structure

Resource: pins/<pin_id>

URL: https://api-stage.bimplus.net/v2/<team_slug>/pins/<pin_id>

Example: <https://api-stage.bimplus.net/v2/bimplus/pins/8836308d-f09f-4bb7-b6d2-354a2db205a6>

HTTP Method

DELETE

Description

Deletes a specified pin.

Request

Headers

Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088
Content-Type: application/json

Response

Status

Status: 200 OK