

## 4.17 Clash Service

### Clash Service

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- Detect all the clashes in a project
- Detect clashes between disciplines & objects/topologies
- Calculate clashes in project using particular clash filter
- Get all clashes for given project and clash filter
- Create an clash filter in the project
- Get all clash filters for a project
- Get all clash filters for a team
- Get details of single clash filter
- Update the clash filter
- Delete the clash filter

### Clash Service

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Clashes could be detected in a project by calling this service. The person who uploaded the model which contains the clash will get a notification along with the clash count after the clash process is completed. This process will be called during model import in the future.

Detect all the clashes in a project

#### URL / Resource / JSON Structure

**Resource:** services/postprocess

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/services/postprocess](https://api-stage.bimplus.net/v2/<team_slug>/services/postprocess)

**Example:**<https://api-stage.bimplus.net/v2/bimplus/services/postprocess>

#### JSON Structure:

| Name        | Mandatory / Optional | Type   | Description                                       |
|-------------|----------------------|--------|---------------------------------------------------|
| runAsync    | mandatory            | bool   | True sets the clash process to run asynchronously |
| postProcess | mandatory            | object | It runs as a windows service in the server        |
| projectId   | mandatory            | string | Id of the project                                 |

#### HTTP Method

POST

#### Description

Detects all the clashes in a project. Beware, that this will more time as they will be typically 100s of clashes in a model

#### Request

| Headers                                                                                   |
|-------------------------------------------------------------------------------------------|
| Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088<br>Content-Type: application/json |

## JSON

```
{
  "runAsync": "True",
  "postProcess": {
    "projectId": "0c9b514a-5b30-4f77-b0ff-2184d079fd30"
  }
}
```

## Response

### Status

Status: 200 OK

## JSON

```
{
  "postProcess": {
    "projectId": "0c9b514a-5b30-4f77-b0ff-2184d079fd30"
  },
  "runAsync": false
}
```

Detect clashes between disciplines & objects/topologies

### URL / Resource / JSON Structure

**Resource:** clashdetection

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashdetection](https://api-stage.bimplus.net/v2/<team_slug>/clashdetection)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/clashdetection>

### JSON Structure:

| Name       | Mandatory / Optional | Type         | Description                  |
|------------|----------------------|--------------|------------------------------|
| layerid1   | mandatory            | string(guid) | Layer/discipline id          |
| layerid2   | mandatory            | string(guid) | Layer/discipline id          |
| tolerancex | optional             | int          | Id of the project            |
| tolerancey | optional             | int          | Tolerance in x direction(mm) |
| objectsid  | mandatory            | JSON Array   | Tolerance in y direction(mm) |

## HTTP Method

POST

## Description

Detect clashes between disciplines & objects/topologies.

## Request

### Headers

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

## JSON

```
{
  "layerid1": "0F106AF0-A919-44c5-B211-15BD5EF620B6",
  "layerid2": "0F106AF0-A919-44c5-B211-15BD5EF620B6",
  "tolerancex": "15",
  "tolerancey": "25",
  "objectsid": [
    "a3105304-a785-4dff-b114-a57b665248f6",
    "f7fbde41-1c46-4c10-81cb-c97f16c9d16a",
    "aaf238a1-4a40-4185-991e-7673d82b040c"
  ]
}
```

## Response

### Status

Status: 201 Created

## JSON

```
{
  "clashcount": 4
}
```

Calculate clashes in project using particular clash filter

## URL / Resource / JSON Structure

**Resource:** clashdetection/filters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashdetection/filters](https://api-stage.bimplus.net/v2/<team_slug>/clashdetection/filters)

**Example:**<https://api-stage.bimplus.net/v2/bimplus/clashdetection/filters>

## JSON Structure:

| Name       | Mandatory / Optional | Type    | Description                                                                                                                                                                        |
|------------|----------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| filterid   | mandatory            | guid    | ID of clash filter                                                                                                                                                                 |
| projectid  | mandatory            | guid    | Project ID                                                                                                                                                                         |
| tolerancex | optional             | double  | Tolerance by clash detection in x-direction.                                                                                                                                       |
| tolerancey | optional             | double  | Tolerance by clash detection in y-direction.                                                                                                                                       |
| tolerancez | optional             | double  | Tolerance by clash detection in z-direction.                                                                                                                                       |
| boxsize    | optional             | double  | Size of visual clash element.                                                                                                                                                      |
| renew      | optional             | boolean | Defines faith of previously calculated clashes. If false - clashes will be updated, if true - all clashes will be deleted and new ones will be calculated. Default value is false. |

## HTTP Method

POST

## Description

Calculates, updates or recalculates ( see "renew" property ) clashes for a project, using the clash filter provided in the request json. Tolerances and boxsize are optional, if not set then the default values of the given filter will be used.

Remark: If there is only one tolerance value present - tolerancex - this value is used for all three tolerances.

Request

| Headers                                                                                   |
|-------------------------------------------------------------------------------------------|
| Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088<br>Content-Type: application/json |

| JSON                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>{   "filterid": "d76a6719-d858-45d1-a8e9-929efc58a356",   "projectid": "738a1a0a-d5e4-4639-b450-996dc5cd7e67",   "tolerancex": "0.01",   "tolerancex": "0.01",   "tolerancex": "0.01",   "boxsize": "0.4",   "renew": "false" }</pre> |

Response

| Status              |
|---------------------|
| Status: 201 Created |

| JSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>{   "creator": {     "id": "69b270be-8102-4a27-a335-ee9e579acb87",     "email": "testB@test.net"   },   "createdat": "2016-02-15T13:18:28.32+01:00",   "status": "DONE",   "tolerancex": 1.0,   "boxsize": 0.4,   "open": [     {       "id": "620ec33c-8686-40de-a670-3de5195fed42",       "elements": [         "42c0c745-3dfa-4a47-9d86-0576bb37880a",         "40393b5d-6ab9-4f81-8599-c46e69216a9c"       ],       "element1": {         "id": "e3bdf005-58ea-4087-b2e1-367564fe06f6",         "type": "Element",         "name": "&lt;Unnamed Element&gt;"       },       "element2": {         "id": "7d2f969a-0c86-4521-be7c-7cf48bb0e610",         "type": "Element",         "name": "&lt;Unnamed Element&gt;"       },       "nr": 1,       "volume": 22.969524192034     },     {       "id": "0dfa47b8-0efb-4c57-8859-ef90b4ad6453",       "elements": [         "15461bb3-9994-4e54-8411-f94437e81e21",         "36a5af0f-bef8-478f-bc2f-0b0e567260e2"       ],       "element1": {</pre> |

```

        "id": "4eeeb292-3672-483e-94e5-0da5bb65a1a1",
        "type": "Element",
        "name": "<Unnamed Element>"
    },
    "element2": {
        "id": "eeca2016-4fdf-4966-9143-ce94ad4b972c",
        "type": "Element",
        "name": "<Unnamed Element>"
    },
    "nr": 3,
    "volume": 0.055550000000000009
}
],
"unresolved": [
    {
        "id": "ad2bddc6-1a5d-4a0b-b815-042cec0198a5",
        "elements": [
            "75757fc1-ba76-4f64-ab29-7f5e2d85cfd1",
            "6edb8bc0-9417-4072-a375-98c11c692357"
        ],
        "element1": {
            "id": "19be02c9-2080-4f54-a545-154cc22b8628",
            "type": "Element",
            "name": "<Unnamed Element>"
        },
        "element2": {
            "id": "f3c9162d-7b4a-4eba-a86f-72404be65445",
            "type": "Element",
            "name": "<Unnamed Element>"
        },
        "nr": 2,
        "volume": 3.4398162022732786
    },
    {
        "id": "8f8c8720-2324-41d7-a669-d8cefb9328ff",
        "elements": [
            "68813fe9-ea07-41c0-9a94-5990c4bedee6",
            "9fe08223-f723-4293-b484-4b45d02a09b7"
        ],
        "element1": {
            "id": "d520d19d-3235-4eb d-934f-1dc47af9f96e",
            "type": "Element",
            "name": "<Unnamed Element>"
        },
        "element2": {
            "id": "e9a14ac4-6ee7-414a-aaf0-44cd72a68191",
            "type": "Element",
            "name": "<Unnamed Element>"
        },
        "nr": 4,
        "volume": 0.64799999999999991
    }
],
"resolved": [
]
}

```

Get all clashes for given project and clash filter

#### URL / Resource / JSON Structure

**Resource:** clashdetection/projects/filters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashdetection/projects/<project\\_id>/filters](https://api-stage.bimplus.net/v2/<team_slug>/clashdetection/projects/<project_id>/filters)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/clashdetection/projects/3f7d2d9e-1872-4d4f-ba99-868e94d3f380/filters>

HTTP Method

GET

Description

Get all project clashes calculated using given filter.

Request

| Headers                                                                                   |
|-------------------------------------------------------------------------------------------|
| Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088<br>Content-Type: application/json |

Response

| Status         |
|----------------|
| Status: 200 OK |

| JSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>{   "creator": {     "id": "69b270be-8102-4a27-a335-ee9e579acb87",     "email": "testB@test.net"   },   "createdat": "2016-02-15T13:18:28.32+01:00",   "status": "DONE",   "tolerancex": 1.0,   "boxsize": 0.4,   "open": [     {       "id": "620ec33c-8686-40de-a670-3de5195fed42",       "elements": [         "42c0c745-3dfa-4a47-9d86-0576bb37880a",         "40393b5d-6ab9-4f81-8599-c46e69216a9c"       ],       "element1": {         "id": "e3bdf005-58ea-4087-b2e1-367564fe06f6",         "type": "Element",         "name": "&lt;Unnamed Element&gt;"       },       "element2": {         "id": "7d2f969a-0c86-4521-be7c-7cf48bb0e610",         "type": "Element",         "name": "&lt;Unnamed Element&gt;"       },       "nr": 1,       "volume": 22.969524192034     },     {       "id": "0dfa47b8-0efb-4c57-8859-ef90b4ad6453",       "elements": [         "15461bb3-9994-4e54-8411-f94437e81e21",         "36a5af0f-bef8-478f-bc2f-0b0e567260e2"       ],       "element1": {         "id": "4eeeb292-3672-483e-94e5-0da5bb65a1a1",         "type": "Element",         "name": "&lt;Unnamed Element&gt;"       },       "element2": {         "id": "eeca2016-4fdf-4966-9143-ce94ad4b972c",         "type": "Element", </pre> |

```

        "name": "<Unnamed Element>"
      },
      "nr": 3,
      "volume": 0.055550000000000009
    }
  ],
  "unresolved": [
    {
      "id": "ad2bddc6-1a5d-4a0b-b815-042cec0198a5",
      "elements": [
        "75757fc1-ba76-4f64-ab29-7f5e2d85cfd1",
        "6edb8bc0-9417-4072-a375-98c11c692357"
      ],
      "element1": {
        "id": "19be02c9-2080-4f54-a545-154cc22b8628",
        "type": "Element",
        "name": "<Unnamed Element>"
      },
      "element2": {
        "id": "f3c9162d-7b4a-4eba-a86f-72404be65445",
        "type": "Element",
        "name": "<Unnamed Element>"
      },
      "nr": 2,
      "volume": 3.4398162022732786
    },
    {
      "id": "8f8c8720-2324-41d7-a669-d8cefb9328ff",
      "elements": [
        "68813fe9-ea07-41c0-9a94-5990c4bedee6",
        "9fe08223-f723-4293-b484-4b45d02a09b7"
      ],
      "element1": {
        "id": "d520d19d-3235-4eb d-934f-1dc47af9f96e",
        "type": "Element",
        "name": "<Unnamed Element>"
      },
      "element2": {
        "id": "e9a14ac4-6ee7-414a-aaf0-44cd72a68191",
        "type": "Element",
        "name": "<Unnamed Element>"
      },
      "nr": 4,
      "volume": 0.64799999999999991
    }
  ],
  "resolved": [
  ]
}

```

## Create an clash filter in the project

### URL / Resource / JSON Structure

**Resource:** projects/<project\_id>/clashfilters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/projects/<project\\_id>/clashfilters](https://api-stage.bimplus.net/v2/<team_slug>/projects/<project_id>/clashfilters)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/projects/48f5f0e5-4979-4c4f-b28a-fbba01d13181/clashfilters>

**JSON Structure :** clash filter

| Name        | Mandatory / Optional | Type         | Description                                                 |
|-------------|----------------------|--------------|-------------------------------------------------------------|
| name        | optional             | string       | Custom table name                                           |
| description | optional             | string       | Custom table description                                    |
| id          | will be ignored      | string(guid) | The id of the custom table. Will be taken from request url. |

|             |           |            |                                                                                                                                   |
|-------------|-----------|------------|-----------------------------------------------------------------------------------------------------------------------------------|
| tolerancex  | optional  | double     | Tolerance by clash detection in x-direction.                                                                                      |
| tolerancey  | optional  | double     | Tolerance by clash detection in y-direction.                                                                                      |
| tolerancez  | optional  | double     | Tolerance by clash detection in z-direction.                                                                                      |
| boxsize     | optional  | double     | Size of visual clash element.                                                                                                     |
| definitions | mandatory | JSON Array | Array of two <b>clash filter definition</b> objects for a clash filter. An example template is specified in request json section. |

#### JSON Structure : clash filter definition

| Name        | Mandatory / Optional | Type         | Description                                                                                                                |
|-------------|----------------------|--------------|----------------------------------------------------------------------------------------------------------------------------|
| name        | optional             | string       | Name of the filter                                                                                                         |
| filterid    | mandatory            | string(guid) | The id of the filter                                                                                                       |
| selectionid | optional             | string(guid) | The id of the selection                                                                                                    |
| definition  | mandatory            | string       | The definition of a filter                                                                                                 |
| selection   | optional             | object       | Object of the selection                                                                                                    |
| boxsize     | optional             | double       | Size of visual clash element.                                                                                              |
| definitions | mandatory            | JSON Array   | Array of two clash filter definition objects for a clash filter. An example template is specified in request json section. |

#### HTTP Method

POST

#### Description

Create a new clash filter in specified project

#### Request

| Headers                                                                                   |
|-------------------------------------------------------------------------------------------|
| Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088<br>Content-Type: application/json |

| JSON                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>{   "name": "TEST",   "description": "test",   "tolerancex": 0.01,   "boxsize": 0.4,   "definitions": [{     "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",     "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",     "selectionId": "8541a1c5-2551-4587-8fd9-ec8b59372bcd"   },   {     "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",     "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6"   } ]</pre> |

#### Response

| Status         |
|----------------|
| Status: 200 OK |

## JSON

```
{
  "name": "TEST",
  "description": "test",
  "tolerance": 0.01,
  "boxsize": 0.4,
  "definitions": [{
    "name": "Filter1",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "selectionid": "8541a1c5-2551-4587-8fd9-ec8b59372bcd",
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  },
  {
    "name": "Filter2",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  }
],
  "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
}
```

Get all clash filters for a project

### URL / Resource / JSON Structure

**Resource:** /projects/<project\_id>/clashfilters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/projects/<project\\_id>/clashfilters](https://api-stage.bimplus.net/v2/<team_slug>/projects/<project_id>/clashfilters)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/projects/48f5f0e5-4979-4c4f-b28a-fbba01d13181/clashfilters>

### Optional query parameters

| Name         | Type    | Default value | Description                                                                                                                                                                                                                                                                                                      |
|--------------|---------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| customfilter | boolean | true          | When this query parameter is not set api returns global and custom clash filters for projects.<br>When query parameter is set as : <ul style="list-style-type: none"><li>■ true - api returns just custom clash filters for project</li><li>■ false - api returns just global clash filter for project</li></ul> |

### HTTP Method

GET

### Description

Get all clash filters for a particular project.

### Request

#### Headers

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

### Response

#### Status

Status: 200 Ok

## JSON

```
[{
  "name": "Reinforcement",
  "description": "Clashes between reinforcement objects.",
  "tolerance": 0.002,
  "boxsize": 0.05,
  "id": "a9971843-0418-4ac4-a392-1bf5043fb562"
},
{
  "name": "TEST",
  "description": "test",
  "tolerance": 0.01,
  "boxsize": 0.4,
  "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
}
...
]
```

Get all clash filters for a team

### URL / Resource / JSON Structure

**Resource:** clashdetection/filters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashdetection/filters](https://api-stage.bimplus.net/v2/<team_slug>/clashdetection/filters)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/clashdetection/filters>

### HTTP Method

GET

### Description

Get details of all clash filters for a particular team

### Request

#### Headers

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

### Response

#### Status

Status: 200 OK

## JSON

```
[
  {
    "name": "Shell",
    "description": "Clashes of all main building elements objects. For example walls, floors, roof, stairs, openings, columns...with each other.",
    "tolerancex": 0.01,
    "boxsize": 0.4,
    "id": "d76a6719-d858-45d1-a8e9-929efc58a356"
  },
  {
    "name": "Window/Door",
    "description": "Clashes of all doors/windows objects with all building elements objects.",
    "tolerancex": 0.01,
    "boxsize": 0.4,
    "id": "ffc6ab25-b3a9-1ecd-95be-35b5e7475fad"
  }
  , ...
]
```

Get details of single clash filter

### URL / Resource / JSON Structure

**Resource:** clashdetection/filters

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashdetection/filters/<filter\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/clashdetection/filters/<filter_id>)

**Example:**<https://api-stage.bimplus.net/v2/bimplus/clashdetection/filters/c9d5ca15-2561-4c58-85da-870a89242b87>

### HTTP Method

GET

### Description

Get details of single clash filter for a particular team

### Request

#### Headers

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

### Response

#### Status

Status: 200 OK

## JSON

```
{
  "name": "Test",
  "description": "test",
  "tolerance": 0.01,
  "boxsize": 0.4,
  "definitions": [{
    "name": "Filter1",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "selectionid": "8541a1c5-2551-4587-8fd9-ec8b59372bcd",
    "selection": {
      "id": "8541a1c5-2551-4587-8fd9-ec8b59372bcd",
      "projectid": "2191084f-dd8f-407c-b47d-f1f4c9256ddc",
      "divisionid": "00000000-0000-0000-0000-000000000000",
      "revisionnr": null,
      "type": "RevisionElements",
      "elements": null,
      "revisionelements": [{
        "objectId": "e2c7c0e8-8524-445d-8f55-98fbd515271f",
        "revisionNr": 1
      }, {
        "objectId": "e2c7c0e8-8524-445d-8f55-98fbd515271f",
        "revisionNr": 1
      }
    ],
      "topology": null,
      "filter": null,
      "structure": null,
      "topologystructure": null
    },
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  }, {
    "name": "Filter2",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  }
],
  "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
}
```

Update the clash filter

### URL / Resource / JSON Structure

**Resource:** clashfilters/<clashfilter\_id>

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashfilters/<clashfilter\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/clashfilters/<clashfilter_id>)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/clashfilters/c9d5ca15-2561-4c58-85da-870a89242b87>

**JSON Structure:** see [Create a clash filter in project](#)

### HTTP Method

PUT

### Description

Update the specified clash filter

### Request

## Headers

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

## JSON

```
{
  "name": "TEST",
  "description": "test",
  "tolerancex": 0.01,
  "boxsize": 0.4,
  "definitions": [{
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "selectionId": "8541a1c5-2551-4587-8fd9-ec8b59372bcd"
  },
  {
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6"
  }
]
```

## Response

### Status

Status: 200 OK

## JSON

```
{
  "name": "TEST",
  "description": "test",
  "tolerancex": 0.01,
  "boxsize": 0.4,
  "definitions": [{
    "name": "Filter1",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "selectionid": "8541a1c5-2551-4587-8fd9-ec8b59372bcd",
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  },
  {
    "name": "Filter2",
    "filterid": "0c39a1c5-2551-4587-8fd9-ec8b59372bcd",
    "definition": "[I]0F106AF0-A919-44C5-B211-15BD5EF620B6",
    "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
  }
],
  "id": "c9d5ca15-2561-4c58-85da-870a89242b87"
}
```

Delete the clash filter

**URL / Resource / JSON Structure**

**Resource:** clashfilters/<clashfilter\_id>

**URL:** [https://api-stage.bimplus.net/v2/<team\\_slug>/clashfilters/<clashfilter\\_id>](https://api-stage.bimplus.net/v2/<team_slug>/clashfilters/<clashfilter_id>)

**Example:** <https://api-stage.bimplus.net/v2/bimplus/clashfilters/c9d5ca15-2561-4c58-85da-870a89242b87>

#### HTTP Method

DELETE

#### Description

Deletes a specified clash filter.

#### Request

| Headers                                                                                   |
|-------------------------------------------------------------------------------------------|
| Authorization: BimPlus 9c1874a62c974dcfa75e0132c423a088<br>Content-Type: application/json |

#### Response

| Status         |
|----------------|
| Status: 200 OK |