

PATCHes in request inclusion

When using request inclusion, you can PATCH both root and included resources.

When PATCHing root resources using request inclusion, payloads generally have similar structures to POST payloads. For more information on payload structures, see [Syntax for simple parent/child relationships](#) and [Syntax for named relationships](#).

However, when PATCHing, the `uri` field for included resources is treated differently from POSTs.

The `this` keyword is invalid when PATCHing

The `this` keyword is a placeholder that is only used when the id of the root resource has not yet been generated. If the root resource is being PATCHed, its id has already been generated, so the use of `this` results in an error.

PATCHing parent and POSTing child

Here is the basic syntax for PATCHing a parent and POSTing a child.

```
{
  ▼ "data" : {
    ▼ "attributes": {
      ...
    }
  },
  ▼ "included": {
    ▼ "": [
      ▼ {
        ▼ "attributes": {
          ...
        },
        "method": "post",
        "uri": "/../"
      }
    ]
  }
}
```

PATCHing parent and PATCHing child

Here is the basic syntax for PATCHing a parent and PATCHing a child.

```
{
  ▼ "data" : {
    ▼ "attributes": {
      ...
    }
  },
  ▼ "included": {
    ▼ "": [
      ▼ {
        ▼ "attributes": {
          ...
        }
      }
    ]
  }
}
```

```

    },
    "method": "patch",
    "uri": "/../"
  }
]
}
}

```

Note: The `uri` field may or may not include a placeholder for the parent id. It depends on the structure of the endpoint the uri is referencing.

For example, if the children were a PATCHed ClaimContact and a PATCHed note, the `uri` fields would be:

- `"uri":`
`"/claim/v1/claims/<claimId>/contacts/<contactId>"`
- `"uri": "/common/v1/notes/<noteId>"`

Additional example of PATCHing in request inclusion

Below is an example of a payload in which the root resource is PATCHed and included resources are PATCHed and POSTed. This request performs the following actions:

- PATCHing a claim to set the main contact to an existing ClaimContact
- PATCHing a ClaimContact to add a cell phone number
- POSTing a note on the parent claim

PATCH `http://localhost:8080/cc/rest/claim/v1/claims/demo_sample:2`

```

{
  ▼ "data": {
    ▼ "attributes": {
      ▼ "mainContact": {
        "id": "cc:SF6434QkBBFpxqB1dQEcJ"
      }
    }
  },
  ▼ "included": {
    ▼ "ClaimContact": [
      ▼ {
        ▼ "attributes": {
          ▼ "cellPhone": {
            ▼ "countryCode": {
              "code": "US",
              "name": "United States (1)"
            },
            "number": "123-456-7890"
          }
        },
        "method": "patch",
        "uri": "/claim/v1/claims/demo_sample:2/contacts/cc:SF6434QkBBFpxqB1dQEcJ"
      }
    ],
    ▼ "Note": [
      ▼ {
        ▼ "attributes": {
          "subject": "Updated main contact",
          "body": "Added Allen Robertson as main contact and updated his cell phone number."
        }
      }
    ]
  }
}

```

```
    },  
    "method": "post",  
    "uri": "/claim/v1/claims/demo_sample:2/notes"  
  }  
]  
}
```

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