

Update a card

PATCH /io/card/:cardId

Update a card's fields. This endpoint supports [ISO 6902 JSON Patch](#). Concurrency checks are implemented via a version number that may be specified either in an `x-lk-resource-version` header or in a json patch `test` operation against path `/version` in the body. If no version number is specified, the concurrency check will be skipped.

Operations

Operation	Description
<code>replace</code>	Update the field value.
<code>add</code>	Add the field value. <code>replace</code> and <code>add</code> are interchangeable in many cases.
<code>remove</code>	Remove the field value.
<code>test</code>	Check the field value for a match. This is most commonly used with <code>version</code> to handle concurrency issues.

Request Properties

Param	Type	Usage	Default
<code>title</code>	string	The card title.	
<code>typeId</code>	string	The card type.	
<code>assignedUserIds</code>	string array	Collection of assigned users.	
<code>blockReason</code>	string	The block reason. This should be specified with the <code>isBlocked</code> property operation in the same request.	
<code>customIconId</code>	string	The custom icon.	
<code>customId</code>	string	The card header.	

Param	Type	Usage	Default
customFields	object array	Collection of custom fields. Each field has a string <code>fieldId</code> and string <code>value</code> property.	
description	string	The card description	
externalLink	object	External link object with string <code>label</code> and string <code>url</code> fields.	
index	integer	The position of the card in the lane starting at 0 as the first position.	
isBlocked	boolean	The blocked state of the card. Should be specified with the <code>blockReason</code> property operation in the same request.	
laneId	string	The lane id that the card should be moved to.	
parentCardId	string	The parent card.	
plannedStart	date	The planned start date in the format YYYY-MM-DD	
plannedFinish	date	The planned finish date in the format YYYY-MM-DD.	
planningIncrementIds	string array	Collection of planning increment ids.	
mirrorSourceCardId	string	The card that is the source for mirroring title, description and <code>customId</code> to this card.	
size	string	The card size.	
tags	string array	Collection of tags.	
wipOverrideComment	string	The WIP override comment. This should be specified with a <code>laneId</code> update operation that would violate a WIP limit.	
version	string	The card version. This can not be set. It is used with a <code>test</code> operation to validate that the card was not modified.	

Example Request

Updating a single field

```
[
  { "op": "replace", "path": "/title", "value": "updated card title" }
]
```

Change two fields at once

```
[
  { "op": "replace", "path": "/description", "value": "updated card description" },
  { "op": "replace", "path": "/typeId", "value": "944576315" }
]
```

All fields that can be updated

```
[
  { "op": "replace", "path": "/title", "value": "Title here" },
  { "op": "replace", "path": "/typeId", "value": "944576315" },
  { "op": "add", "path": "/assignedUserIds/1", "value": "583458214" },
  { "op": "add", "path": "/blockReason", "value": "This card is blocked" },
  { "op": "replace", "path": "/customIconId", "value": "944576318" },
  { "op": "replace", "path": "/customId", "value": "The header" },
  { "op": "add", "path": "/customFields/0", "value": {
    "fieldId": "945250752",
    "value": "Custom field value"
  } },
  { "op": "replace", "path": "/description", "value": "The description" },
  { "op": "add", "path": "/externalLink", "value": {
    "label": "Link label",
    "url": "https://www.leankit.com"
  } },
  { "op": "replace", "path": "/index", "value": 0 },
  { "op": "replace", "path": "/isBlocked", "value": true },
  { "op": "replace", "path": "/laneId", "value": "944576328" },
  { "op": "replace", "path": "/parentCardId", "value": "945265884" },
  { "op": "replace", "path": "/plannedStart", "value": "2024-01-01" },
  { "op": "replace", "path": "/plannedFinish", "value": "2024-12-31" },
  { "op": "remove", "path": "/mirrorSourceCardId", "value": "945265884" },
  { "op": "replace", "path": "/size", "value": 5 },
  { "op": "remove", "path": "/tags/0" },
  { "op": "replace", "path": "/wipOverrideComment", "value": "Override wip" },
  { "op": "add", "path": "/planningIncrementIds/-", "value": "94114176565" },
  { "op": "test", "path": "/version", "value": "11" }
]
```

Verify the card hasn't changed before updating the custom header id. If the version specified in the test operation does not match the server version a http 428 Unknown response will be returned with the message `Optimistic concurrency check failed`.

```
[
  { "op": "test", "path": "/version", "value": "8" },
  { "op": "replace", "path": "/customId", "value": "new card header" }
]
```

Working With Collections

This example removes the first tag. Positions start at 0.

```
[  
  { "op": "remove", "path": "/tags/0" }  
]
```

This example removes a tag by value. It will remove the tag "red", regardless of where it appears in the tag list.

```
[  
  { "op": "remove", "path": "/tags", "value": "red"}  
]
```

Specifying - as the position adds an item to the end of the collection.

```
[  
  { "op": "add", "path": "/tags/-", "value": "end tag" }  
]
```

Edit the tag in the second position.

```
[  
  { "op": "replace", "path": "/tags/1", "value": "edit tag" }  
]
```

Example Successful Response

200 OK

```

{
  "actualFinish": "2019-12-06T21:25:45Z",
  "actualStart": "2019-12-06T21:25:45Z",
  "blockedStatus": {
    "isBlocked": true,
    "reason": "The block reason",
    "date": "2019-12-06T21:07:34Z"
  },
  "board": {
    "id": "944576308",
    "title": "Sample Board",
    "version": "65",
    "isArchived": false
  },
  "customIcon": {
    "id": "944576317",
    "title": "Date Dependent",
    "cardColor": "#FFFFFF",
    "iconColor": "212121",
    "iconName": "lk_icons_final_01-13",
    "iconPath": "https://myaccount.leankit.com/customicons/24/212121/lk_icons_final_01-13.png",
    "policy": ""
  },
  "customIconLabel": "Class of Service",
  "color": "#B8CFDF",
  "iconPath": null,
  "createdOn": "2019-12-06T21:07:34Z",
  "archivedOn": null,
  "description": "The card description",
  "plannedFinish": null,
  "customId": {
    "value": "Card header text",
    "prefix": null,
    "url": null
  },
  "externalLinks": [
    {
      "label": "The link label",
      "url": "https://www.leankit.com"
    }
  ],
  "id": "945261794",
  "index": 2,
  "lane": {
    "cardLimit": 0,
    "description": null,
    "id": "944576330",
    "index": 2,
    "laneClassType": "active",
    "laneType": "inProcess",
    "orientation": "vertical",
    "title": "Under Review",
    "taskBoard": null,
    "cardStatus": "started"
  }
}

```

```

},
"updatedAt": "2019-12-06T22:50:32Z",
"movedOn": "2019-12-06T21:37:11Z",
"priority": "normal",
"size": 1,
"plannedStart": null,
"tags": [
  "tagOne",
  "tagTwo"
],
"title": "updated card title",
"version": "8",
"type": {
  "id": "944576314",
  "title": "New Feature",
  "cardColor": "#B8CFDF"
},
"taskBoardStats": {
  "totalCount": 1,
  "completedCount": 0,
  "totalSize": 1,
  "completedSize": 0
},
"subscriptionId": "945261795",
"createdBy": {
  "id": "478440842",
  "emailAddress": "user@leankit.com",
  "fullName": "First Last",
  "avatar": "https://myaccount.leankit.com/avatar/Show/478440842?s=25"
},
"updatedBy": {
  "id": "478440842",
  "emailAddress": "user@leankit.com",
  "fullName": "First Last",
  "avatar": "https://myaccount.leankit.com/avatar/Show/478440842?s=25"
},
"movedBy": {
  "id": "478440842",
  "emailAddress": "user@leankit.com",
  "fullName": "First Last",
  "avatar": "https://myaccount.leankit.com/avatar/Show/478440842?s=25"
},
"archivedBy": null,
"assignedUsers": [
  {
    "id": "478440842",
    "emailAddress": "user@leankit.com",
    "fullName": "First Last",
    "firstName": "First",
    "lastName": "Last",
    "avatar": "https://myaccount.leankit.com/avatar/Show/478440842?s=25"
  }
],
"attachments": [],

```

```

"comments": [],
"parentCards": [
  {
    "cardId": "945202295",
    "boardId": "944576308"
  }
],
"mirrorSourceCardId": "945265884",
"customFields": [
  {
    "fieldId": "945250752",
    "type": "text",
    "label": "Custom Field Label",
    "value": "This is the field value"
  }
],
"planningIncrements": [
  {
    "id": "94114176565",
    "label": "PI-2",
    "startDate": "2021-12-01T00:00:00.000Z",
    "endDate": "2021-12-25T00:00:00.000Z",
    "series": {
      "id": "94114169089",
      "label": "Series 1",
      "timeZone": "Etc/GMT"
    },
    "parent": null
  }
],
"connectedCardStats": {
  "startedCount": 0,
  "startedSize": 0,
  "notStartedCount": 1,
  "notStartedSize": 1,
  "completedCount": 0,
  "completedSize": 0,
  "blockedCount": 0,
  "totalCount": 1,
  "totalSize": 1,
  "plannedStart": null,
  "plannedFinish": null,
  "actualStart": null,
  "actualFinish": null,
  "pastDueCount": 0,
  "projectedLateCount": 0
}
}

```

Notable Error Responses

Status Code	Error Message	Reason
428 Unknown	Optimistic concurrency check failed	A version test operation was sent and failed because the card was modified by another transaction.

Updated 2024-04-17 @ 11:04 AM