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## Update Asset by API

- **Product:** Esploro
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### Description

We need to update specific fields in an Asset record, is there an API for this?

### Resolution

There is a Post Asset API that can be used to add or replace individual fields in an asset record.

The following fields are supported: Date, Identifiers, Local fields, Grant note, Related grants, Links, Files

POST /esploro/v1/assets/{assetId:.+}

### URL parameters

assetId

op        The operation to be performed on the asset. Currently **op=patch** is supported, it is also the default value.

action    Allowed values are: add, replace.

**add** is for simple fields will only update the value if empty, for list fields will append value to list.

**replace** for simple fields will replace value, for list fields will swap all.

### Body parameters

This is a sample xml with all potential fields included.

### XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns3:records total_record_count="1" xmlns:ns2="http://esploro_record" xmlns:ns3="http://rest_esploro">
  <record>
    <identifier.doi>10.20/30456</identifier.doi>
    <identifier.pmid>123456</identifier.pmid>
    <identifier.pmcid>123456789</identifier.pmcid>
    <identifier.uri></identifier.uri>
    <identifier.handle>someHandleType</identifier.handle>
```

```

<identifier.ismn>111222</identifier.ismn>
<identifier.isbn>12345678</identifier.isbn>
<identifier.eissn>11115555</identifier.eissn>
<identifier.issn>12345678</identifier.issn>
<identifier.other>oth</identifier.other>
<identifier.govtnum>gov</identifier.govtnum>
<identifier.wos>12345678922</identifier.wos>
<identifier.scopus>scop</identifier.scopus>
<identifier.arxiv>arx</identifier.arxiv>
<identifier.ark>ark</identifier.ark>
<identifier.sici>sic</identifier.sici>
<identifier.rno>rno</identifier.rno>
<identifier.additional01>add1</identifier.additional01>
<identifier.additional02>add2</identifier.additional02>
<identifier.additional03>add3</identifier.additional03>
<identifier.additional04>add4</identifier.additional04>
<identifier.additional05>add5</identifier.additional05>
<identifier.additional06>add6</identifier.additional06>
<identifier.additional07>add7</identifier.additional07>
<identifier.additional08>add8</identifier.additional08>
<identifier.additional09>add9</identifier.additional09>
<identifier.pqdt>pq</identifier.pqdt>
<identifier.eisbn>123345</identifier.eisbn>
<date.published>20241110</date.published>
<date.accepted>20200125</date.accepted>
<date.created>20220612–20220825</date.created>
<date.submitted>20190302</date.submitted>
<links>
  <link>
    <link.url>www.google.com</link.url>
    <link.type>pdf</link.type>
    <link.description>linkDesc</link.description>
    <link.title>linkTitle</link.title>
    <link.rights>open</link.rights>
    <link.supplemental>true</link.supplemental>
    <link.license>CCBY_V4.0</link.license>
    <link.ownership>owner.institutional</link.ownership>
    <link.display_in_viewer>true</link.display_in_viewer>
  </link>
</links>
<fundingreferenceList>
  <fundingreference>
    <fundername>Universitat de València (Spain, Valencia) - UV</fundername>
    <awardnumber>fundrefGrantForDoiTest</awardnumber>
    <awardtitle>fundrefGrantForDoiTest</awardtitle>
    <grantURL></grantURL>
  </fundingreference>
  <fundingreference>
    <fundername>Technion – Israel Institute of Technology (Israel, Haifa)</fundername>
    <awardnumber>existingGrantID31101044960</awardnumber>
    <awardtitle>existingGrantName31101044960</awardtitle>
  </fundingreference>
</fundingreferenceList>

```

```

    <grantURL></grantURL>
  </fundingreference>
</fundingreference>
  <fundername>Centre Hospitalier Régional Universitaire de Brest (France, Brest)</fundername>
  <awardnumber>newGrant10112024</awardnumber>
  <awardtitle>newGrant10112024</awardtitle>
  <grantURL>testGrantURL.com</grantURL>
</fundingreference>
</fundingreferenceList>
</record>
</ns3:records>

```

## JSON

This example includes all possible fields in a single input file.

```

{
  "record": {
    "identifier": {
      "doi": "10.20/30456",
      "pmid": "123456",
      "pmcid": "123456789",
      "uri": "",
      "handle": "someHandleType",
      "ismn": "111222",
      "isbn": "12345678",
      "eissn": "11115555",
      "issn": "12345678",
      "other": "oth",
      "govtnum": "gov",
      "wos": "12345678922",
      "scopus": "scop",
      "arxiv": "arx",
      "ark": "ark",
      "sici": "sic",
      "rno": "rno",
      "additional01": "add1",
      "additional02": "add2",
      "additional03": "add3",
      "additional04": "add4",
      "additional05": "add5",
      "additional06": "add6",
      "additional07": "add7",
      "additional08": "add8",
      "additional09": "add9",
      "pqdt": "pq",
      "eisbn": "123345"
    },
    "date": {

```

```

"published": "20241110",
"accepted": "20200125",
"created": "20220612–20220825",
"submitted": "20190302"
},
"links": [
{
"url": "www.google.com",
"type": "pdf",
"description": "linkDesc",
"title": "linkTitle",
"rights": "open",
"supplemental": true,
"license": "CCBY_V4.0",
"ownership": "owner.institutional",
"display_in_viewer": true
}
],
"fundingreferenceList": [
{
"fundername": "Universitat de València (Spain, Valencia) - UV",
"awardnumber": "fundrefGrantForDoiTest",
"awardtitle": "fundrefGrantForDoiTest",
"grantURL": ""
},
{
"fundername": "Technion – Israel Institute of Technology (Israel, Haifa)",
"awardnumber": "existingGrantID31101044960",
"awardtitle": "existingGrantName31101044960",
"grantURL": ""
},
{
"fundername": "Centre Hospitalier Régional Universitaire de Brest (France, Brest)",
"awardnumber": "newGrant10112024",
"awardtitle": "newGrant10112024",
"grantURL": "testGrantURL.com"
}
}
"temporary": {
"linksToExtract": [
{
"link.title": "sample mp4",
"link.url": "https://www.sample-videos.com/video3...y\_720p\_1mb.mp4",
"link.description": "some file description",
"link.type": "accepted",
"link.rights": "13447111320002771",
"link.rightsreason": "no reason",
"link.embargoend": "02/20/2020",
"link.license": "CC0_V1.0",
"link.supplemental": "true"
}
]
}

```

```
}  
  ]  
  }  
  ]  
}
```

## Additional Information

[Esploro API Resource URL \(Developer Network\)](#)

[Esploro API Rest Esploro Records \(Developer Network\)](#)

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- **Article last edited:** 26-July-2021