

Putting the Easy in EZID for ETDs



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Who, What, Why

WHO: Scholarly Repository Librarian (Product owner), Metadata Analyst,
Software Engineer

WHAT: Minting DOIs for ETDs in our repository using EZID

WHY: Almetrics!

Current permanent identifier architecture did not meet requirements of altmetrics
provider (Altmetric)

EZID and Crossref

EZID and citation metadata

Crossref

Success, then Failure and then Success Again! (sorta)

We had created a XML file that successfully validated against the crossref schema

Submitted the XML within the EZID API

Failure - No DOI was minted and no metadata about the ETD was transmitted

Reason? We are not 100% sure, but guessing bugs in the API during testing

Testing revealed that the crossref XML was not enough (contrary to documentation)

Needed to provide the DataCite metadata elements

Problems

Lack of documentation on EZID and Crossref websites

Especially true of dissertation content type

Debugging/Testing

```
{
  errors: [
    {
      status: 500,
      title: 'Our Bad',
      detail: "It's not you, it's me."
    }
  ]
}
```

Postman: <https://www.getpostman.com/>

The screenshot displays the Postman web interface in the 'Builder' tab. The top navigation bar includes 'Runner', 'Import', and 'Team Library'. The main workspace is titled 'Builder' and shows a REST client configuration for a POST request to `https://eaid.cdlib.org/shoulder/doi/10.5072/FK2`. The request body is set to 'raw' and contains an XML payload. The response is displayed in the 'Body' tab, showing a successful status with the message: `success: doi:10.5072/FK2546Q06W | ark:/65072/fkz46q06w`.

```
1 _crossref: yes
2 _profile: crossref
3 _target: http://clatl.com
4 crossref: <?xml version="1.0" encoding="UTF-8"?><doi_batch version="4.3.7" xmlns="http://www.crossref.org/schema/4.3.7" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.crossref.org/schema/4.3.7 http://www.crossref.org/schemas/crossref4.3.7.xsd">
  <body>
    <dissertation>
      <person_name
        sequence="first" contributor_role="author">
        <given_name>Steele</given_name>
        <surname>Jim Sr.</surname>
        <affiliation>Emory
        University</affiliation>
        <ORCIDhttp://orcid.org/0000-0001-3451-ORCID>
        </person_name>
        <titles>
          <title>The Small
          Sleep: Harabolded Crime Novels with Gnome Protagonists</title>
          </titles>
          <approval_date>
            <month>08</month>
            <day>22</day>
            <year>2008</year>
          </approval_date>
          <institution>
            <institution_name>Emory University</institution_name>
            <institution_place>Atlanta</institution_place>
            <institution_department>Literature</institution_department>
            </institution>
          </degree>
          <doi_data>
            <doi>10.7710/2162-3309.1234</doi>
            <resourcehttp://pid.emory.edu/ark:/25593/19qdg</resource>
          </doi_data>
        </dissertation>
      </body></doi_batch>
```

Body Cookies Headers (8) Tests Status: 201 CREATED Time: 1521 ms

Pretty Raw Preview Text Save Response

```
1 success: doi:10.5072/FK2546Q06W | ark:/65072/fkz46q06w
```

Questions?

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