

# PeriodO data model

To be included in the gazetteer, a definition must

- give the period a **name**
- impose some **temporal bounds** on the period

have some implicit or explicit association with a **geographical region**, and

have been formally or informally published in some **citable source**.

# Periods are concepts

*Contrast with CIDOC CRM*

## ~~E4 Period~~

~~“sets of coherent phenomena or cultural manifestations bounded in time and space,” where this extent in time and space is determined by “the trajectories of the participating physical things”~~

## E28 Conceptual Object

“non-material products of our minds and other human produced data that have become objects of a discourse about their identity ... instances of this class are created, invented or thought by someone, and then may be documented or communicated between persons”

# Periods are concepts

```
<p06v8w44jbs>  
  a skos:Concept ;  
  skos:prefLabel "Неоліт" ;  
  skos:altLabel "Neolithic"@eng-latn, "Неоліт"@ukr-cyrl .
```

- **skos:prefLabel** is used for the name of the period exactly as given in the original source.
- **skos:altLabel** is used for language-specific names of the period, assigned by PeriodO curators.

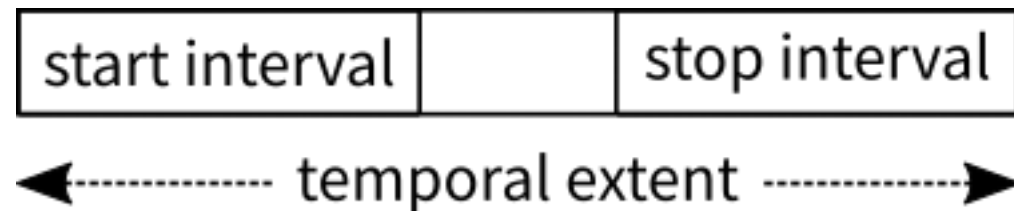
# Periods are concepts

```
<p0kj6dj7pzf>
```

```
  a skos:Concept ;
  skos:prefLabel "proto-Armenian Satrapy of Greater Armenia" ;
  skos:altLabel "Median Monarchy"@eng-latn,
               "proto-Armenian Satrapy of Greater Armenia"@eng-latn ;
  skos:note "Kingdom was ruled by Romans between 17 A.D.–43 A.D." ;
  skos:editorialNote "Deleted Kingdom of Commagene (163 B.C.–72 A.D.) on 10/20/14 due to problem with this end-date. Found these from the index entry for Armenia." .
```

- **skos:note** is used for notes about the period definition that appeared in the original source.
- **skos:editorialNote** is used for administrative or editorial notes added by the PeriodO curators.

# Temporal extent



```
<p0jtbzwhwbh>
skos:prefLabel "Transitional (Philia Culture)" ;
time:intervalStartedBy [
  skos:prefLabel "c. 2600/2500 BCE" ;
  time:hasDateTimeDescription [
    periodo:earliestYear "-2599"^^xsd:gYear ;
    periodo:latestYear "-2499"^^xsd:gYear
  ]
] ;
time:intervalFinishedBy [
  skos:prefLabel "2300 BCE" ;
  time:hasDateTimeDescription [
    time:year "-2299"^^xsd:gYear
  ]
] .|
```

- `skos:prefLabel` is used to textually describe the interval exactly as given in the original source
- `time:hasDateTimeDescription` is used to describe the interval in a more structured fashion

# Spatial extent

<p03wskd29mn>

```
skos:prefLabel "Urartian Eastern Anatolia (900–600 BC)" ;  
periodo:spatialCoverageDescription "Eastern Anatolia" ;  
dcterms:spatial <http://dbpedia.org/resource/Armenia>,  
                <http://dbpedia.org/resource/Turkey> .
```

- `periodo:spatialCoverageDescription` is used to textually describe the spatial extent exactly as given in the original source
- `dcterms:spatial` is used to link a period definition to descriptions of locations in gazetteers

# Source

```
<p0rqpwq4pr>
```

```
  skos:prefLabel "Deuxième époque" ;  
  skos:inScheme <p0rqpwq> .
```

```
<p0rqpwq>
```

```
  a skos:ConceptScheme ;  
  dcterms:source [  
    dcterms:isPartOf <http://www.worldcat.org/oclc/60543214> ;  
    bibo:locator "page 137"  
  ] .
```

```
<http://www.worldcat.org/oclc/60543214>
```

```
  dcterms:creator <http://viaf.org/viaf/22159335> ;  
  dcterms:issued "2004"^^xsd:gYear ;  
  dcterms:title "Le tophet de Salammbô à Carthage : essai de reconstitution" .
```

```
<http://viaf.org/viaf/22159335>
```

```
  foaf:name "Bénichou, Hélène." .
```

# JSON-LD serialization

```
{ "@context": { JSON-LD context elided },  
  "id": "p0d/#periodCollections",  
  "type": "rdf:Bag"  
  "periodCollections": {  
    other period collections elided
```

```
    "p0fh3zc": { period collection  
      "id": "p0fh3zc",  
      "type": "PeriodCollection"  
      "source": {  
        "title": "The Celts in Iberia: An Overview",  
        "creators": [  
          { "name": "Alberto J. Lorrio" },  
          { "name": "Gonzalo Ruiz Zapatero" } ],  
        "yearPublished": 2005,  
        "url": "http://www.uwm.edu/celtic/ekeltoi/volumes/vol6/6_4/lorrio_zapatero_6_4.html",  
      },  
      "definitions": {  
        other period definitions elided
```

```
        "p0fh3zcqs6h": { period definition  
          "id": "p0fh3zcqs6h",  
          "type": "PeriodDefinition",  
          "label": "Early Iron Age",  
          "originalLabel": { "eng-latn": "Early Iron Age" },  
          "spatialCoverage": [  
            { "id": "http://dbpedia.org/resource/Galicia_(Spain)",  
              "label": "Galicia" }  
          ],  
          "start": {  
            "in": { "year": "-0799" },  
            "label": "800 B.C."  
          },  
          "stop": {  
            "in": { "year": "-0399" },  
            "label": "400 B.C."  
          }  
        }  
      }  
    }  
  }  
}
```

```
}}}}}
```



# The PeriodO client

<http://n2t.net/ark:/99152/p0>

PeriodO Current backend: web [switch] Sign in Menu ▾

Browse by: Period Collection

## Periods

Viewing 1 - 20 of 1791

Previous 1 2 3 ... 89 90 Next

▲ Label	Earliest start	Latest stop
2nd Millenium BCE	-2000	-1000
2nd Millennium BC Egypt (2000-1000 BC)	-2000	-1000
2nd Millennium BC Levant (2000-1000 BC)	-2000	-1000
3rd millennium BC	-3000	-2000
4th millenium BCE	-4000	-3000
13th Century AD Eastern Mediterranean (AD 1200-1300)	1200	1300
16th Century	1500	1600
17th Century	1600	1700

## Filters

### Time range

Hide outliers?  
Hiding range from -2600000 to -49942

### Text

Match string

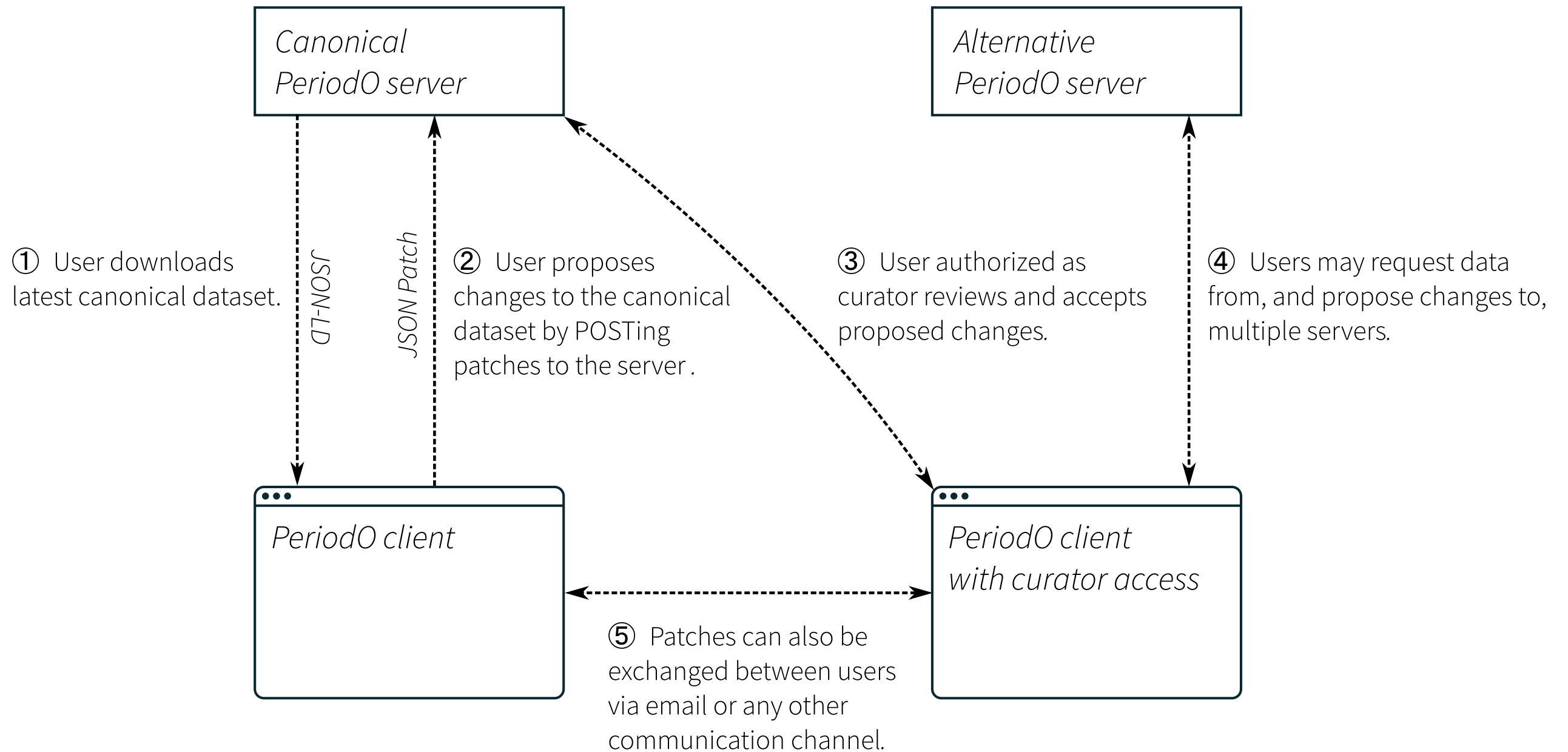
### Source

[Reset](#)

522 [David G. Anderson. Digital Index of North American Archaeology \(DINAA\). 2012.](#)

212 [AIAC and L - P : Archaeology. FASTI - Home. 2004.](#)

# Workflow



# JSON Patch

```
[  
  { "path": "/periodCollections/p0fh3zc/definitions/p0fh3zcqs6h/stop",  
    "op": "add",  
    "value": { "in": { "year": "-0449" }, "label": "450 B.C." }  
  },  
  { "path": "/periodCollections/p0fh3zc/definitions/p0fh3zcqs6h/editorialNote",  
    "op": "add",  
    "value": "The end of this period was incorrect due to a data entry error."  
  }  
]
```

# Identifiers

`http://n2t.net/ark:/99152/p0rqpwq4pr`

