



## Trismegistos Data Services

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# Trismegistos Data Services: Digital tools for Ancient World LOD networks

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KU LEUVEN

## Trismegistos Places

Trismegistos (TM): interdisciplinary portal of papyrological and epigraphical resources from the Ancient World

TM Places: gazetteer of 50,000+ ancient places

URI: stable identifier for place name (TM Geo ID)

LOD: variant names, coordinates, links, ...

A screenshot of the Trismegistos Places interface. It shows the entry for Alexandria with various tabs like TM Geo ID, Stable URI (with TM Geo ID), and GeoJSON download.

**TM Geo 100:** Alexandria  
URI: <https://www.trismegistos.org/place/100>

A screenshot of the Trismegistos homepage. It features the Trismegistos logo and a search bar. Below the search bar is a grid of project cards: TEXTS, COLLECTIONS, ARCHIVES, PEOPLE, NETWORKS, PLACES, AUTHORS, and EDITORS. A sidebar on the right provides links to various resources and a search bar for TM numbers.

**Endpoint TM GeoRelations 100:** [https://www.trismegistos.org/dataservices/georelations/\(or URI or XML\)/100](https://www.trismegistos.org/dataservices/georelations/(or%20URI%20or%20XML)/100)

```
TM_geo: "100"
TM_geo: "https://www.trismegistos.org/place/100"
Syracusa: "572"
DASI: null
Wikimedia: "Alexandria"
Wikisource: null
DARE: "15898"
Lexicon_Leptonicum: null
Pleiades: "727078"
GeoNames: null
Talbert_Peutinger: null
RIB: null
Livius: null
FayumText: null
FayumMap: null
Wikivoyage: null
Roman_Britain: null
VICI: null
Ptolemy: null
Encyclopedie_Iranica: null
ToposText: "312299PAle"
TM_geo: "100"
TM_geo: "https://www.trismegistos.org/place/100"
Syracusa: "572"
DASI: null
Wikimedia: "Alexandria"
Wikisource: null
DARE: "15898"
Lexicon_Leptonicum: null
Pleiades: "727078"
GeoNames: null
Talbert_Peutinger: null
RIB: null
Livius: null
FayumText: null
FayumMap: null
Wikivoyage: null
Roman_Britain: null
VICI: null
Ptolemy: null
Encyclopedie_Iranica: null
ToposText: "312299PAle"
```

Search 20+ projects & find related data about places  
OUTPUT: in JSON (ID), JSON (URI) & XML format  
INPUT: TM GEO ID (M); project (O) with 30,000+ links

Trismegistos GeoRelations API connects TM Places to related information from different partner projects

## GeoRelations Matcher

## Why use TM Linked Open Data?

Curated & up to date, fast development, customizable APIs, ...  
Available in different formats (also TM Geo CSV & JSON dumpfiles + GeoRDF & RDF-extended) to match and/or link to TM Data

<https://www.trismegistos.org/dataservices>

## GeoResponder

View and download a GeoJSON response for every TM Place name by using the GeoResponder endpoint and the TM Geo ID

INPUT: stable URI (TM Geo ID)

OUTPUT: standardized GeoJSON

--> geometry, names, links, properties, ...

```
{
  "type": "Feature",
  "geometry": {
    "type": "Point",
    "coordinates": [
      29.959146657,
      31.198256667
    ]
  },
  "list": "Alexandria",
  "id": "100",
  "names": [
    {
      "name": "Αλεξανδρία",
      "language": "200"
    }
  ],
  "copies": [
    {
      "name": "ΠΑΚΩΤΕ - ΠΑΚΩΤ",
      "language": "070"
    }
  ],
  "latlon": [
    {
      "name": "Alexandria - Alexandrea",
      "language": "215"
    }
  ],
  "links": {
    "broad_matches": [],
    "close_matches": [
      {
        "URI": "http://syriaca.org/place/572"
      }
    ],
    "Wikipedia": [
      {
        "URI": "https://en.wikipedia.org/wiki/Alexandria"
      }
    ],
    "Pleiades": [
      {
        "URI": "https://pleiades.stoa.org/places/727078"
      }
    ],
    "Digital Atlas of the Roman Empire": [
      {
        "URI": "http://dare.ht.lu.se/places/15898"
      }
    ],
    "ToposText": [
      {
        "URI": "https://topostext.org/place/312299PAle"
      }
    ],
    "exact_matches": []
  ],
  "properties": [
    {
      "status": "city; polis; metropolis; megalopolis (megal polis); civitas; urbs; oppidum",
      "country": "Egypt",
      "provincia": "Aegyptus"
    }
  ]
}
```

**Endpoint TM Geo 100:** <https://www.trismegistos.org/dataservices/georesponder.php?id=100>

**Endpoint TM TextRelations 226264:** [https://www.trismegistos.org/dataservices/texrelations/\(or URI or XML\)/226264](https://www.trismegistos.org/dataservices/texrelations/(or%20URI%20or%20XML)/226264)

```
TM: "226264"
EDB: null
EDH: "http://edh-www.adw.uni-heidelberg.de/edh/inschrift/H000085"
EDC: "http://edh-www.adw.uni-heidelberg.de/edh/inschrift/H000088"
EDCS: "http://edh-edcs.eu/edcs_id_en_idc_d_idc5_d4900793"
EDR: null
HE: null
UDXF: null
RIB: null
PHI: null
LUPA: null
ISIC: null
INT: null
IGCYR: null
Orient: null
cisp: null
Dem: null
PSI: null
PopNav-Duke: null
Lexicological_lepi: null
Berliner_papyri: null
Bremen_papyri: null
charts: null
HislopOI: "http://eda-bea.es/pub/record_card_1.php?rec=448"
DE: null
Bremen_papyri: null
charts: null
HislopOI: "http://eda-bea.es/pub/record_card_1.php?rec=448"
DE: null
```

Search 75+ projects & find related data about texts  
OUTPUT: in JSON (ID), JSON (URI) & XML format  
INPUT: TM ID (M); project (O) with 1,000,000+ links

Trismegistos TexRelations API connects TM Texts to related information from different partner projects

## TexRelations Matcher

## TM pilot project

Ancient World Networks

Linked Data

Open License

<http://be.dariah.eu/>

