# API-Documentatie Arthurian Fiction

## Service

The Arthurian Fiction narratives and manuscripts database is available as a web application and as a service with an API. The API is exposed to the world in JSON format (for a specification see http://json.org/). The service is available on https://service.arthurianfiction.org. For human users, the service has a limited html representation of the objects exposed. The service is used by the arthurianfiction.org site itself.

## Objects

The service exposes four different objects:

- manuscripts available under https://service.arthurianfiction.org/manuscripts
- narratives available under https://service.arthurianfiction.org/narratives
- persons https://service.arthurianfiction.org/persons

Manuscripts, narratives and persons are separate objects; they may be linked by a relation. Relations contain links between two different objects: between a person and a manuscript or narrative or between a manuscript and a narrative. Relations are typed, the type indicates the nature of the relation (e.g. an *author* typed relation between a person and a manuscript).

Single objects may be retrieved by specifying the id of the object. For example the manuscript MAN0000000015 is retrieved by url
 https://service.arthurianfiction.org/manuscript/MAN0000000015

A request retrieves a JSON representation of the object, including the relations with references (id and label) to other objects.

## Querying

The database is also queryable by the api, under url https://service.arthurianfiction.org/search. Queries are specified as a SOLR query (SORL is the underlying indexing service) of the type q=[Solr Query]&sort=[Solr sortfield], for example q=cycle_name:Lancelot AND city:Bern&sort=cycle_name. SOLR queries are made using a HTTP POST request.

The service returns a queryid, that may be used for reference and further processing. The returned result is in the form https://service.arthurianfiction.org/search/[QRY000XXXXX] and may be retrieved by specifying further parameters, for example https://service.arthurianfiction.org/search/ [QRY000XXXXX]?start=0&rows=200
The results may be fetched using a HTTP GET request

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