Review Document API

This page describes the basic REST API for working with reviews stored in Archie. This API is interfacing with Archie's XML review document store and is therefore also XML based and works on whole reviews (in RM5 format or JATS).

The ReviewDB API provides more granular access to review content and data.

Endpoints

All endpoints require a secure connection (HTTPS). If a plain HTTP connection is attempted an error status code 403 (forbidden) is returned.

Authentication must be provided as either HTTP Basic authentication or as Bearer authentication using an OAuth 2.0 access token. If authentication is missing an error status code 401 (unauthorized) is returned.

Possible error codes are:

- 400 (bad request): If there is a problem with syntax of the request.
- 401 (unauthorized): If authentication is missing or incorrect.
- 403 (forbidden): If the user is not authorized to access the review, if the connection is not secure, or if the user is denied access for other reasons than authentication.
- 404 (not found): If no review with the given ID exists.
- 409 (conflict): In case of a check in/out conflict, e.g. if a user tries to check out a review that another user has checked out already.
- 500 (internal server error): In case of an unexpected problem on the server.

For the test version of each endpoint, replace archie.cochrane.org with test-archie.cochrane.org.

Encoding of response

You can specify an Accept header to control the returned encoding, e.g:

Accept header	Description
application/xml;charset=iso-8859-1	Review in rm5 format, iso-8859-1 charset
application/xml;charset=utf-8	Review in rm5 format, utf-8 charset
application/x-jats+xml;charset=utf-8	Review in JATS format, utf-8 charset
application/x-dar+zip	Download JATS package

If you don't specify an Accept header the behaviour of this API is undefined (i.e. you may get any of the above content types or encodings).

Getting a review

Returned MIME type is dependent on the specified Accept header. The response body contains the review in the specified format.

Last published version using CD number

GET https://archie.cochrane.org/rest/reviews/{CD Number}

Example:

GET https://archie.cochrane.org/rest/reviews/CD000004

Last published version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}

Example:

GET https://archie.cochrane.org/rest/reviews/047199081020060395

Latest version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/latest

Example:

GET https://archie.cochrane.org/rest/reviews/047199081020060395/latest

Specific version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}

Example:

GET https://archie.cochrane.org/rest/reviews/047199081020060395/7.0

Getting review translations

List translations of the latest published version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/translations

Example:

GET https://archie.cochrane.org/rest/reviews/047199081020060395/translations

The response is a list of published translations of the latest published version of the review as a JSON array:

```
[
  {
    "language": "fr",
    "title": "Décompression abdominale en cas de suspicion d'une souffrance fœtale/pré-éclampsie",
    "version": "0.0",
    "href": "https://archie.cochrane.org/rest/reviews/047199081020060395/translations/fr"
  },
  {
    "language": "hr",
    "title": "Abdominalna dekompresija kod sumnje na ugrožen fetus ili pre-eklampsiju",
    "version": "5.0",
    "href": "https://archie.cochrane.org/rest/reviews/047199081020060395/translations/hr"
  },
  {
    "language": "ta",
    "title": "   / -     .",
    "version": "1.0",
    "href": "https://archie.cochrane.org/rest/reviews/047199081020060395/translations/ta"
  }
]
```

List translations of any published version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/translations

The response is as described for the previous endpoint.

Get a translation of the latest published version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/translations/{language}

Example:

GET https://archie.cochrane.org/rest/reviews/047199081020060395/translations/fr

Returns the translation as either JATS XML or the full JATS package (as determined by the Accept header - see "Encoding of response" above).

Get a translation of the any published version using Review ID

GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/translations/{language}

The response is as described for the previous endpoint.

Getting lists of reviews / searching

The base request for getting a list of reviews is:

GET https://archie.cochrane.org/rest/reviews

This will return all published reviews in Archie, so for most purposes a filter based on query parameters is required.

The response is an XML document listing the key attributes and properties of each review, and a link for accessing the full review, e.g.:

```
<reviews count="15">
  <review cdNumber="CD002745" groupId="ARI" reviewId="780800041114324239" searchDate="2011-06-27" stage="
R" status="A" checkedOut="false">
    <link href="https://test-archie.cochrane.org/rest/reviews/CD002745" rel="self" type="application/xml"/>
    <title>Amantadine and rimantadine for influenza A in children and the elderly</title>
    <byline>Alves Galvão MG, Rocha Crispino Santos MA, Alves da Cunha AJL</byline>
    <group>Acute Respiratory Infections Group</group>
  </review>
  <review cdNumber="CD000243" groupId="ARI" reviewId="482299081614134252" searchDate="2013-03-20" stage="
R" status="A"checkedOut="true">
    <link href="https://test-archie.cochrane.org/rest/reviews/CD000243" rel="self" type="application/xml"/>
    <title>Antibiotics for acute maxillary sinusitis in adults</title>
    <byline>Ahovuo-Saloranta A, Rautakorpi U-M, Borisenko OV, Liira H, Williams Jr JW, Mäkelä M</byline>
    <group>Acute Respiratory Infections Group</group>
  </review>
  ...
</reviews>
```

Query parameters

The following query parameters can be used to restrict the search:

- **groupId** (e.g. ARI for Acute Respiratory, see Review Group IDs below): Restrict search to reviews belonging to the specified review group. Default is any group.
- **stage** (R = full Review, P = Protocol, T = Title): Restrict search by review stage. Default is any stage. T is only relevant in combination with published=false.
- **status** (A = Active, W = Withdrawn): Restrict search by status. Default is any status.
- **phase** (A=Authoring, E=Editorial): Restrict search by phase. Default is any phase.
- **myRole** (e.g. myRole=Author): Restrict search to reviews for which the authenticated user has the given role. Default is that roles are not considered.
- **myPermission** (e.g myPermission=write_authoring, see Permission below): Restrict search to reviews for which the authenticated user has the given permission. Default is View permission (view).
- **startSearchDate** (format {yyyy-MM-dd}, e.g. startSearchDate=2014-05-31): Restrict search to reviews with a search date on or after the specified date. Default is any date.
- **published** (true or false). Default is true, which means that only published reviews are returned. If published=false, titles and unpublished protocols are also returned.
- **issueId** (e.g. 2014-1). Limit search to reviews appearing in a specific issue of The Cochrane Library (*needs testing*).
- **translation** (language code, e.g. fr). Find reviews where the latest published version has a published translation in the given language. Not compatible with published=false.

Additional endpoints

Get metadata about review

GET https://archie.cochrane.org/rest/reviews/{Review ID}/metadata

Returned MIME type is "application/json".

Get metadata about all versions of a review

GET https://archie.cochrane.org/rest/reviews/{Review ID}/versions

Returned MIME type is "application/json".

Get the document roles associated with a review

GET https://archie.cochrane.org/rest/reviews/{Review ID}/roles

Returned MIME type is "application/json".

Return asset from JATS package

The following return assets referenced from the main JATS XML.

Endpoint	MIME type
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.svg	"image/svg+xml"
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.png	"image/png"
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.jpg	"image/jpeg"
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.(xml | rm5)	"application/xml;charset=utf-8", "application/xml;charset=UTF-8"
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.html	"text/html"
GET https://archie.cochrane.org/rest/reviews/{Review ID}/{Version}/{Asset path}.zip	"application/zip"

Review Groups IDs

For use with the **groupId** parameter.

Group Name	ID
Acute Respiratory Infections Group	ARI
Airways Group	AIRWAYS
Anaesthesia Group	ANAESTH
Back Group	BACK
Bone, Joint and Muscle Trauma Group	MUSKINJ
Breast Cancer Group	BREASTCA
Childhood Cancer Group	CHILDCA
Colorectal Cancer Group	COLOCA
Consumers and Communication Group	COMMUN
Cystic Fibrosis and Genetic Disorders Group	CF
Dementia and Cognitive Improvement Group	DEMENTIA
Depression, Anxiety and Neurosis Group	DEPRESSN
Developmental, Psychosocial and Learning Problems Group	BEHAV
Drugs and Alcohol Group	ADDICTN
Ear, Nose and Throat Disorders Group	ENT
Effective Practice and Organisation of Care Group	EPOC
Epilepsy Group	EPILEPSY

Eyes and Vision Group	EYES
Fertility Regulation Group	FERTILREG
Gynaecological Cancer Group	GYNAECA
Haematological Malignancies Group	HAEMATOL
Heart Group	VASC
Hepato-Biliary Group	LIVER
HIV/AIDS Group	HIV
Hypertension Group	HTN
Incontinence Group	INCONT
Infectious Diseases Group	INFECTN
Inflammatory Bowel Disease and Functional Bowel Disorders Group	IBD
Injuries Group	INJ
Lung Cancer Group	LUNGCA
Menstrual Disorders and Subfertility Group	MENSTR
Metabolic and Endocrine Disorders Group	ENDOC
Methodology Review Group	METHOD
Movement Disorders Group	MOVEMENT
Multiple Sclerosis and Rare Diseases of the Central Nervous System Group	MS
Musculoskeletal Group	MUSKEL
Neonatal Group	NEONATAL
Neuromuscular Disease Group	NEUROMUSC
Occupational Safety and Health Group	OCCHEALTH
Oral Health Group	ORAL
Pain, Palliative and Supportive Care Group	SYMPT
Peripheral Vascular Diseases Group	PVD
Pregnancy and Childbirth Group	PREG
Prostatic Diseases and Urologic Cancers Group	PROSTATE
Public Health Group	PUBHLTH
Renal Group	RENAL
Schizophrenia Group	SCHIZ
Sexually Transmitted Infections Group	STI
Skin Group	SKIN
Stroke Group	STROKE
Tobacco Addiction Group	TOBACCO
Upper Gastrointestinal and Pancreatic Diseases Group	UPPERGI
Wounds Group	WOUNDS

Permissions

For use with the **myPermission** parameter.

Permission Name	Parameter Value

Delete Document	delete
View	view
Read Published Versions	read_published
Read Versions to be Published	read_to_be_published
Read Author Draft Versions	read_author_drafts
Read Editorial Draft Versions	read_editorial_drafts
Read Shared Draft Versions	read_shared_drafts
Write During Authoring Phase	write_authoring
Write During Editorial Phase	write_editorial
Revert	revert
View Author Roles	view_author_roles
Edit Author Roles	edit_author_roles
View Editor Roles	view_editor_roles
Edit Editor Roles	edit_editor_roles
Publish	publish
Select Review Topics	select_topics
Edit Properties	edit_properties