

TAIR 平台與異質系統資料互通規範

為使 TAIR 成為臺灣最有彈性的機構典藏系統承載平台，對於使用非 NTUR 系統的學校，只要可以提供符合下述規範的 OAI 格式，即可由 TAIR 平台瀏覽該系統的學術資源。

一、OAI Metadata 欄位規範

OAI Metadata 欄位規範須對應 Dublin Core 欄位，見下表：

element	qualifier	scope_note
contributor		A person, organization, or service responsible for the content of the resource. Catch-all for unspecified contributors.
contributor	advisor	Use primarily for thesis advisor.
contributor	author	
contributor	editor	
contributor	illustrator	
contributor	other	
coverage	spatial	Spatial characteristics of content.
coverage	temporal	Temporal characteristics of content.
creator		Do not use; only for harvested metadata.
date		Use qualified form if possible.
date	accessioned	Date DSpace takes possession of item.
date	available	Date or date range item became available to the public.
date	copyright	Date of copyright.
date	created	Date of creation or manufacture of intellectual content if different from date.issued.
date	issued	Date of publication or distribution.
date	submitted	Recommend for theses/dissertations.
identifier		Catch-all for unambiguous identifiers not defined by qualified form; use identifier.other for a known identifier common to a local collection instead of unqualified form.
identifier	citation	Human-readable, standard bibliographic citation of non-DSpace format of this item
identifier	govdoc	A government document number
identifier	isbm	International Standard Book Number
identifier	issn	International Standard Serial Number
identifier	sici	Serial Item and Contribution Identifier
identifier	ismn	International Standard Music Number

identifier	other	A known identifier type common to a local collection.
identifier	uri	Uniform Resource Identifier
description		Catch-all for any description not defined by qualifiers.
description	abstract	Abstract or summary.
description	provenance	The history of custody of the item since its creation, including any changes successive custodians made to it.
description	sponsorship	Information about sponsoring agencies, individuals, or contractual arrangements for the item.
description	statement of responsibility	To preserve statement of responsibility from MARC records.
description	tableofcontents	A table of contents for a given item.
description	uri	Uniform Resource Identifier pointing to description of this item.
description	note	Note
format		Catch-all for any format information not defined by qualifiers.
format	extent	Size or duration.
format	medium	Physical medium.
format	mimetype	Registered MIME type identifiers.
language		Catch-all for non-ISO forms of the language of the item, accommodating harvested values.
language	iso	Current ISO standard for language of intellectual content, including country codes (e.g. "en_US").
publisher		Entity responsible for publication, distribution, or imprint.
relation		Catch-all for references to other related items.
relation	isformatof	References additional physical form.
relation	ispartof	References physically or logically containing item.
relation	ispartofseries	Series name and number within that series, if available.
relation	haspart	References physically or logically contained item.
relation	isversionof	References earlier version.
relation	hasversion	References later version.
relation	isbasedon	References source.
relation	isreferencedby	Pointed to by referenced resource.
relation	requires	Referenced resource is required to support function, delivery, or coherence of item.
relation	replaces	References preceding item.
relation	isreplacedby	References succeeding item.
relation	uri	References Uniform Resource Identifier for related item.
rights		Terms governing use and reproduction.

rights	uri	References terms governing use and reproduction.
source		Do not use; only for harvested metadata.
source	uri	Do not use; only for harvested metadata.
subject		Uncontrolled index term.
subject	classification	Catch-all for value from local classification system; global classification systems will receive specific qualifier
subject	ddc	Dewey Decimal Classification Number
subject	lcc	Library of Congress Classification Number
subject	lcsb	Library of Congress Subject Headings
subject	mesh	MEdical Subject Headings
subject	other	Local controlled vocabulary; global vocabularies will receive specific qualifier.
title		Title statement/title proper.
title	alternative	Varying (or substitute) form of title proper appearing in item, e.g. abbreviation or translation
type		Nature or genre of content.

二、OAI 格式範例：

http://ntur.lib.ntu.edu.tw/dspace-oai/request?verb=ListRecords&resumptionToken=0001-01-01T00:00:00Z/9999-12-31T23:59:59Z//oai_dc/000

1. 網址給予參數為 ListRecords 與 resumptionToken，如紅色字體所示
2. 每筆資料分為 header 與 metadata 兩部份，如系統支援 handle 機制，header 裡 identifier 欄位為「oai:」加上該「系統網址」加上「:」加上「檔案位置」，範例如下：
`<identifier>oai:140.112.114.62:246246/1855</identifier>`
 如系統不支援 handle 機制，header 裡 identifier 欄位為「oai:」加上該「檔案網址」，範例如下：

`<identifier>`

`oai: http://npuir.npust.edu.tw/detail.jsp?dtd_id=000016&xml_id=0000017614`

`</identifier>`

3. 頁尾給予 resumptionToken 的下一頁參數，範例如下：

`<resumptionToken expirationDate="2009-06-10T04:54:25Z">`

`0001-01-01T00:00:00Z/9999-12-31T23:59:59Z//oai_dc/100`

`</resumptionToken>`

以 100 筆檔案為一頁，參數結尾為下一頁檔案編號開頭，所以是 100、200、300...依序增加



三、非 NTUR 系統加入 TAIR 平台之限制

目前 TAIR 平台對於異質系統僅支援瀏覽功能，包含："依題名瀏覽"、"依日期瀏覽"、"依作者瀏覽"。