

Post FS4SP (Aspire 2)

The *Post FS4SP Stage* stage uses a properties mapping file to create a *FAST Document* mapping [AspireObject](#) properties with *FS4SP Managed Properties* that already exist on the search engine, the *FAST Document* is then sent to the content distributor service (default on port 13391 of the FS4SP installation) via the contentAPI.

The stage also allows to configure the FS4SP collection to send the documents to and supports job batching, see [Branch Handler](#).

Configuration

Element	Type	Default	Description
fastServer	String	localhost:13391	Comma separated list of server:port for the FS4SP Content Distributors.
fastCollection	String		The name of the Fast collection the document should be indexed in to.
idPath	String	/doc/fetchUrl	The location of the document id in the AspireObject (required for the FAST API).
actionPath	String	/doc/action	The action to be performed (one of unknown , noChange , insert , update or delete).
fastTimeout	int	600000 10 minutes	Fast API timeout in ms.
fastWaitForSecure	boolean	false	Wait for a secured callback from Fast before allowing the job to complete.
fastWaitForIdx	boolean	false	Wait for an indexed callback from Fast before allowing the job to complete.
maxBatchSize	long	1000	The maximum number of documents to add to a batch before sending to Fast.
maxBatchTime	long	900000 15 minutes	The maximum time to wait before sending documents in a batch to Fast if the document count has not reached the maxBatchSize.
debugFile	String		Debug file to write documents to before sending to Fast.
mappingFile	string		Location of the properties mapping file. See Properties Mapping File for more information.

Properties Mapping File

The properties mapping file specifies an association between [AspireObject](#) properties and FS4SP **managed properties**. The property type is also specified.

How to specify an Aspire property

Use XPath to specify the location of the [AspireObject](#) property

`/doc/fetchUrl[.]`

List of available property types

- **string**
- **integer**
- **long**
- **date**
- **boolean**
- **acl**: string with user/group name. Will be encoded as base32 text.
- **byte**: byte array

Input Example

```
<postToFastMapping>
  <property aspire="/doc/fetchUrl[.]" fast="fetchurl" type="string"/>
  <property aspire="/doc/displayUrl[.]" fast="displayurl" type="string"/>
  <property aspire="/doc/lastModified[.]" fast="lastmodifieddate" type="date"/>
  <property aspire="/doc/ancestorInformation/ancestors/ancestorId/@md5" fast="ancestorid" type="string"/>
  <property aspire="/doc/ancestorInformation/parentId/@md5" fast="parentid" type="string"/>
  <property aspire="/doc/ancestorInformation/itemId/@md5" fast="itemid" type="string"/>
  <property aspire="/doc/ancestorInformation/itemName[.]" fast="itemname" type="string"/>
  <property aspire="/doc/ancestorInformation/itemLevel[.]" fast="itemlevel" type="integer"/>
  <property aspire="/doc/ancestorInformation/itemType[.]" fast="itemtype" type="string"/>
  <property aspire="/doc/ancestorInformation/ancestorTypes[.]" fast="ancestortypes" type="string"/>
  <property aspire="/doc/ancestorInformation/ancestorsDisplay[.]" fast="ancestorsdisplay" type="string"/>
  <property aspire="/doc/connectorSpecific/@type" fast="sourcetype" type="string"/>
  <property aspire="/doc/connectorSource/displayName[.]" fast="displayname" type="string"/>
  <property aspire="/doc/title[.]" fast="title" type="string"/>
  <property aspire="/doc/content[.]" fast="data" type="string"/>
  <property aspire="/doc/docType[.]" fast="doctype" type="string"/>
  <property aspire="/doc/acls/acl[@entity='group' or @entity='user']/@name" fast="docacls" type="acl"/>
</postToFastMapping>
```