

Resolver tips

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1. Introduction

This is a collection of various things to help you get started, such as configuration files and default catalogs. Of course there is lots of explanation in the main [documentation](#). These are some additional resources.

2. Annotated CatalogManager.properties

See this example [CatalogManager.properties](#) file (shown below). Place it where your Java applications can find it.

```
#####
# CatalogManager provides an interface to the catalog properties.
# Properties can come from two places: from system properties or
# from a CatalogManager.properties file. This class provides a
# transparent interface to both, with system properties preferred
# over property file values.

#####
# Catalog Files:
# The semicolon-delimited list of catalog files.
# Example: catalogs=../xcatalog;/share/doctypes/catalog

catalogs=../conf/xml-catalog.xml

#####
# Relative Catalogs:
# If false, relative catalog URIs are made absolute with respect to the
# base URI of the CatalogManager.properties file. This setting only
# applies to catalog URIs obtained from the catalogs property in the
# CatalogManager.properties file
# Example: relative-catalogs = [yes|no]

relative-catalogs=yes

#####
# Verbosity:
# If non-zero, the Catalog classes will print informative and debugging
# messages. The higher the number, the more messages.
# Example: verbosity = [0..99]

verbosity=99

#####
# Prefer:
# Which identifier is preferred, "public" or "system"?
# Example: xml.catalog.prefer = [public|system]

prefer=system

#####
# Static-catalog:
# Should a single catalog be constructed for all parsing, or should a
# different catalog be created for each parser?
# Example: static-catalog = [yes|no]

static-catalog=yes

#####
# Allow-oasis-xml-catalog-pi
# If the source document contains "oasis-xml-catalog" processing
```

```
# instructions, should they be used?
# Example: allow-oasis-xml-catalog-pi = [yes|no]

allow-oasis-xml-catalog-pi=yes

#####
# catalog-class-name
# If you're using the convenience classes
# org.apache.xml.resolver.tools.*, this setting allows you to specify
# an alternate class name to use for the underlying catalog.
# Example: catalog-class-name=org.apache.xml.resolver.Resolver
```

3. Debug

Raise the "verbosity" parameter.

Use "[ngrep](#)" to ensure no network traffic ('ngrep dtd').

4. Other helpful resources

Apache Cocoon uses the entity resolver. See the doc [Entity resolution with catalogs](#).

Apache Forrest uses Cocoon and the entity resolver. See the doc [XML Validation](#) and tips for [configuration](#) of xml editors.

[Apache Ant](#) uses the entity resolver. See "Core Types => XMLCatalog".

Apache Xerces uses the entity resolver. See the doc [Using XML Catalogs](#).

[Apache Excalibur](#) has the `org.apache.excalibur.xml.DefaultEntityResolver` which was developed in Cocoon then moved to Excalibur so that it would be more widely available. This hooks the resolver into the xml framework. It is available in the `excalibur-xmlutil` package.