

Policy Managers

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1. Introduction

A PolicyManager is used to resolve the policy for a certain URL. Lenya ships with the following PolicyManagers:

2. InheritingPolicyManager

This PolicyManager merges the policies of all steps in the URL. For each URL, a *url policy* and a *subtree policy* can be defined. The InheritingPolicyManager adds the credentials of

- the subtree policies for all parent directories of the requested page,
- the subtree policy of the requested page, and
- the url policy of the requested page.

For instance, if the URL is `/lenya/news/index.html`, the following policies are merged:

- subtree policy of `/`
- subtree policy of `/lenya`
- subtree policy of `/lenya/news`
- subtree policy of `/lenya/news/index`
- url policy of `/lenya/news/index`

3. FilePolicyManager

The FilePolicyManager is an InheritingPolicyManager. The policies are defined by policy files that are arranged as a directory tree that reflects the URI space, e.g.:

```
/subtree-policy.acml  
/lenya/subtree-policy.acml  
/lenya/news/index.html/subtree-policy.acml  
/lenya/news/index.html/url-policy.acml
```

If a certain policy file does not exist (like `/lenya/news` in the above example), an empty policy is used instead.

4. PublicationFilePolicyManager

This PolicyManager does the same as the FilePolicyManager, except that the current publication is determined and the policy files are resolved relatively to the `publication/config/ac/policies` directory.

5. SitemapPolicyManager

The SitemapPolicyManager uses the policy sitemap to resolve the policy for a certain URL.