

Mapping URLs to documents.

Table of contents

1 Current URLs axioms.....	2
----------------------------	---

1. Current URLs axioms

Currently, Lenya is based on the following axioms:

- A URL is represented by exactly one document.
- A document can be represented by an arbitrary number of URLs.
- For each document, there is exactly one canonical URL.

This is reflected in the following methods:

```
DocumentBuilder.buildDocument(...)  
DocumentBuilder.buildCanonicalUrl(...)
```

At the moment, the concept of multiple URLs per document is typically used for language versions (foo_{defaultlanguage}.html = foo.html) and to support different URL suffixes (foo, foo.htm, foo.html).

The site structure is currently tightly connected to the URL space. Link URLs are derived directly from the site structure:

```
<node id="foo">  
  <node id="bar"/>  
</node>
```

is interpreted as /foo/bar

The language version is handled orthogonally to the site structure. The URL is determined by combining both document ID and language.