

# The News Feed Module

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## 1. Introduction

The news module provides a resource type which displays a list of the document's children, in descending order of the creation date. The child documents are treated as news messages. The news can also be rendered as an RSS feed.

## 2. Formats

The news resource type provides the following formats:

### **xhtml**

The usual XHTML page. It shows a list of the child documents, including the title and first paragraph.

### **include**

An XHTML snippet. The view is equal to the `xhtml` format, but the content is included in an `<xhtml:div id="news"/>` element. This format can be used to include the news items in other pages, typically using `CInclude`. The number of included items is determined by the `includeItems` attribute of the `<col:collection/>` element.

### **rss**

The RSS view of the news items.

### **header**

The RSS header (`<link rel="alternate" type="application/rss+xml" ... />`), pointing to the RSS feed. This is used, e.g., for Firefox' "live bookmark" feature.

## 3. Aggregating Multiple Newsfeeds

If you add news documents as children of a parent news document, the parent automatically aggregates and merges the news items of its children, ordered by time. For example:

```
/news
/national
/n1 (2007-05-03)
/n2 (2007-05-01)
/international
/i1 (2007-05-02)
/i2 (2007-04-26)
/sports
/s1 (2007-05-04)
/s2 (2007-04-13)
```

will result in the following list of news items displayed at the `/news` level:

- s1
- n1
- i1
- n2
- i2
- s2

The `includeItems` setting of the `collection` resource type is applied to the result list when it is

requested using the `include` format.