

# Feed Reader (v1.0)

## 1. A plugin for PPF to display news from RSS/Atom feeds.

The plugin fetches RSS/Atom Feeds from the web and announces them in channels. Highly configurable.

## 2. Configuration

The configuration file for this plugin is **system/FeedReader/FeedReaderConfig.xml**

### 2.1. channel

One or more channels, to which new items are sent to.

Optional, if omitted news is not announced automatically.

Can be overridden by per-channel settings.

```
<channel>#deaded</channel>
<channel>#joe-dalton</channel>
```

### 2.2. feeds/feed

List of the monitored feeds.

Feed Attributes.

- **xmlUrl** required, URL of the feed
- **shortcut** optional, for !news command
- **updateFrequency** optional, override default updateFrequency
- **channels** optional, override default channel list, separators: space, tab, comma, semicolon
- **format** optional, override default format, see below

```
<feeds>
  <feed shortcut="deaded" xmlUrl="http://www.deaded.com/backend/deaded.rdf"/>
  <feed shortcut="jawe" xmlUrl="http://blog.jawe.net/blog/?flavor=rss2"
    updateFrequency="7200"
    channels="#joe-dalton"
    format="-[ $feedTitle | $BOLD$title$BOLD | $DARK_GREEN$link$DARK_GREEN | $dateTime
]-"/>
</feeds>
```

### 2.3. updateFrequency

Default update frequency in seconds.

Do not set this too low or you'll annoy the webmasters.

Optional, defaults to 3600 (1h) if omitted

Can be overridden by per-channel settings.

```
<updateFrequency>3600</updateFrequency>
```

## 2.4. delay

Delay before fetching starts and between initial fetches in seconds.

Optional, defaults to 60 (1m)

```
<delay>60</delay>
```

## 2.5. displayOnStartup

Number of items per feed to display on startup.

Optional, defaults to 0

```
<displayOnStartup>0</displayOnStartup>
```

## 2.6. display

Maximum number of new items displayed per retrieval.

Optional, defaults to 5

```
<display>5</display>
```

## 2.7. format

Format for displayed news entries.

May contain the following variables:

`$feedTitle`, `$feedLink`, `$feedAuthor`, `$feedDate`, `$feedDateTime`, `$feedTime`, `$author`, `$title`, `$link`, `$date`, `$dateTime`, `$time`, `$shortcut` `$BLUE`, `$BOLD`, `$BROWN`, `$CYAN`, `$DARK_BLUE`, `$DARK_GRAY`, `$DARK_GREEN`, `$GREEN`, `$LIGHT_GRAY`, `$MAGENTA`, `$NORMAL`, `$OLIVE`, `$PURPLE`, `$RED`, `$REVERSE`, `$TEAL`, `$UNDERLINE`, `$WHITE`, `$YELLOW`.

Note that a feed may omit some variables, if so the variable will be replaced with an empty string..

Optional, defaults to optional, defaults to: `$feedTitle: $BOLD$title$BOLD -> $BLUE$UNDERLINE$link$BLUE`

```
<format>$feedTitle: $BOLD$title$BOLD -> $BLUE$UNDERLINE$link</format>
```

## 2.8. commandNews

Public command to display latest news.

If called without parameters, it shows a usage message.

Optional, defaults to !news

```
<commandNews>!news</commandNews>
```

## 2.9. displayNews

Number of items displayed when commandNews is issued.

Optional, defaults to 5

```
<displayNews>5</displayNews>
```

## 2.10. displayNewsMax

Max. number of entries displayed when commandNews is issued with a count parameter

Optional, defaults to 10

```
<displayNewsMax>10</displayNewsMax>
```

## 2.11. commandFeeds

Public command to list available feed shortcuts.

Optional, defaults to !feeds

```
<commandFeeds>!feeds</commandFeeds>
```

## 2.12. authLevel

Min. auth level to edit subscriptions.

This affects the commands !subscribe and !unsubscribe.

Possible values (case insensitive): NONE, ANY, TRUSTED, MASTER, ADMIN.

```
<authLevel>ADMIN</authLevel>
```

## 2.13. commandSubscribe

Command to add a feed. (authorized users only, see authLevel)

If called without parameters, it shows a usage message.

Optional, defaults to !subscribe

```
<commandSubscribe>!subscribe</commandSubscribe>
```

## 2.14. commandUnsubscribe

Command to remove a feed (authorized users only, see authLevel)

If called without parameters, it shows a usage message.

Optional, defaults to !unsubscribe

```
<commandUnsubscribe>!unsubscribe</commandUnsubscribe>
```

## 2.15. commandFeedinfo

Command to display information about a feed (authorized users only, see authLevel)

If called without parameters, it shows a usage message.

Optional, defaults to !feedinfo

```
<commandFeedinfo>!feedinfo</commandFeedinfo>
```

## 3. Commands

### 3.1. Displaying new entries

**Command:** !news <shortcut> [count] [start]

**Description:** Displays entries from a feed.

**Auth Level:** none

**Where to give command:** channel or private message

**Outputs to:** notice to sender

**Example(s):**

- !news
- !news bbcworld

### 3.2. Displaying feed shortcuts

**Command:** !feeds

**Description:** Displays available feed shortcuts.

**Auth Level:** none

**Where to give command:** channel or private message

**Outputs to:** notice to sender

**Example(s):**

- !feeds

### 3.3. Subscribing to or editing feeds

**Command:** !subscribe [-u URL] [-s shortcut] [-c channels] [-p updateFrequency] [-f format]

**Description:** Subscribe to a feed. If a feed with this url already exists, it's subscription properties are updated.

**Auth Level:** ADMIN

**Where to give command:** channel or private message

**Outputs to:** notice to sender

**Example(s):**

- !subscribe
- !subscribe -u http://www.deaded.com/backend/deaded.rdf
- !subscribe -s deaded -u http://www.deaded.com/backend/deaded.rdf
- !subscribe -s deaded -f "\$dateTime: \$BOLDfeedTitle\$BOLD \$title [\$link]"

### 3.4. Unsubscribing from feeds

**Command:** !unsubscribe (URL|shortcut)

**Description:** Unsubscribe from a feed

**Auth Level:** ADMIN

**Where to give command:** channel or private message

**Outputs to:** notice to sender

**Example(s):**

- !unsubscribe
- !unsubscribe http://www.deaded.com/backend/deaded.rdf
- !unsubscribe deaded

### 3.5. Displaying feed information

**Command:** !feedinfo shortcut

**Description:** Display feed information

**Auth Level:** ADMIN

**Where to give command:** channel or private message

**Outputs to:** notice to sender

**Example(s):**

- !feedinfo
- !feedinfo deaded

### 3.6. Announcing new entries

**Command:** !announce <shortcut> [count] [start]

**Description:** announces entries from a feed in the current channel.

**Auth Level:** ADMIN

**Where to give command:** channel

**Outputs to:** channel

**Example(s):**

- !announce deaded
- !announce bbcworld 1
- !announce wired 1 9

## 4. Change History

v1.0	Updated the Rome libraries to 0.9
v1.0beta6	First Version by <a href="#">jawe</a>