

EiffelRSS

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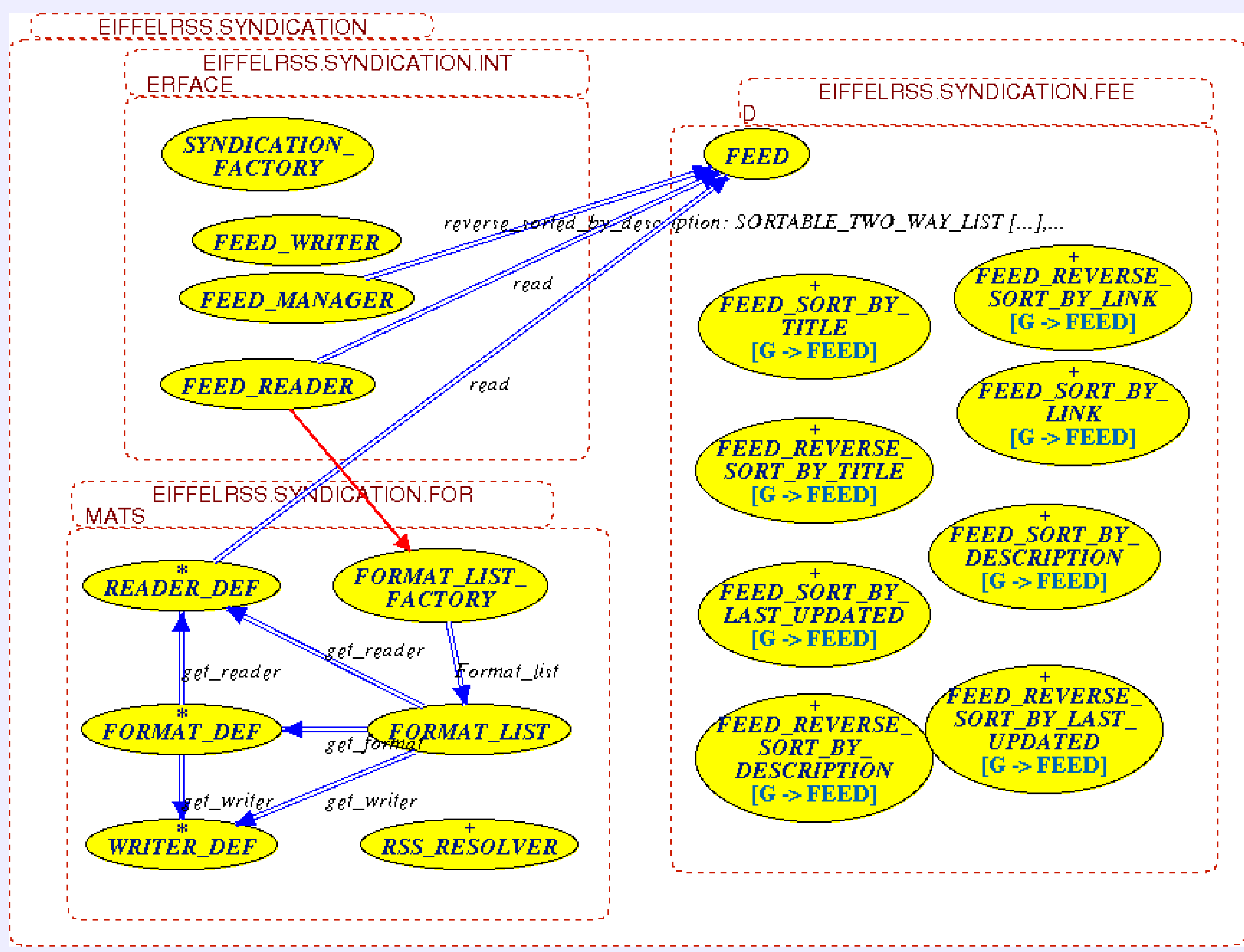
What is EiffelRSS?

- EiffelRSS is an Eiffel library to read and write RSS. The goal is to provide the Eiffel development community with an easy to use and well structured API for RSS.
- The distribution also contains a RSS newsfeed reader written with EiffelVision and EiffelRSS.

EiffelRSS Library

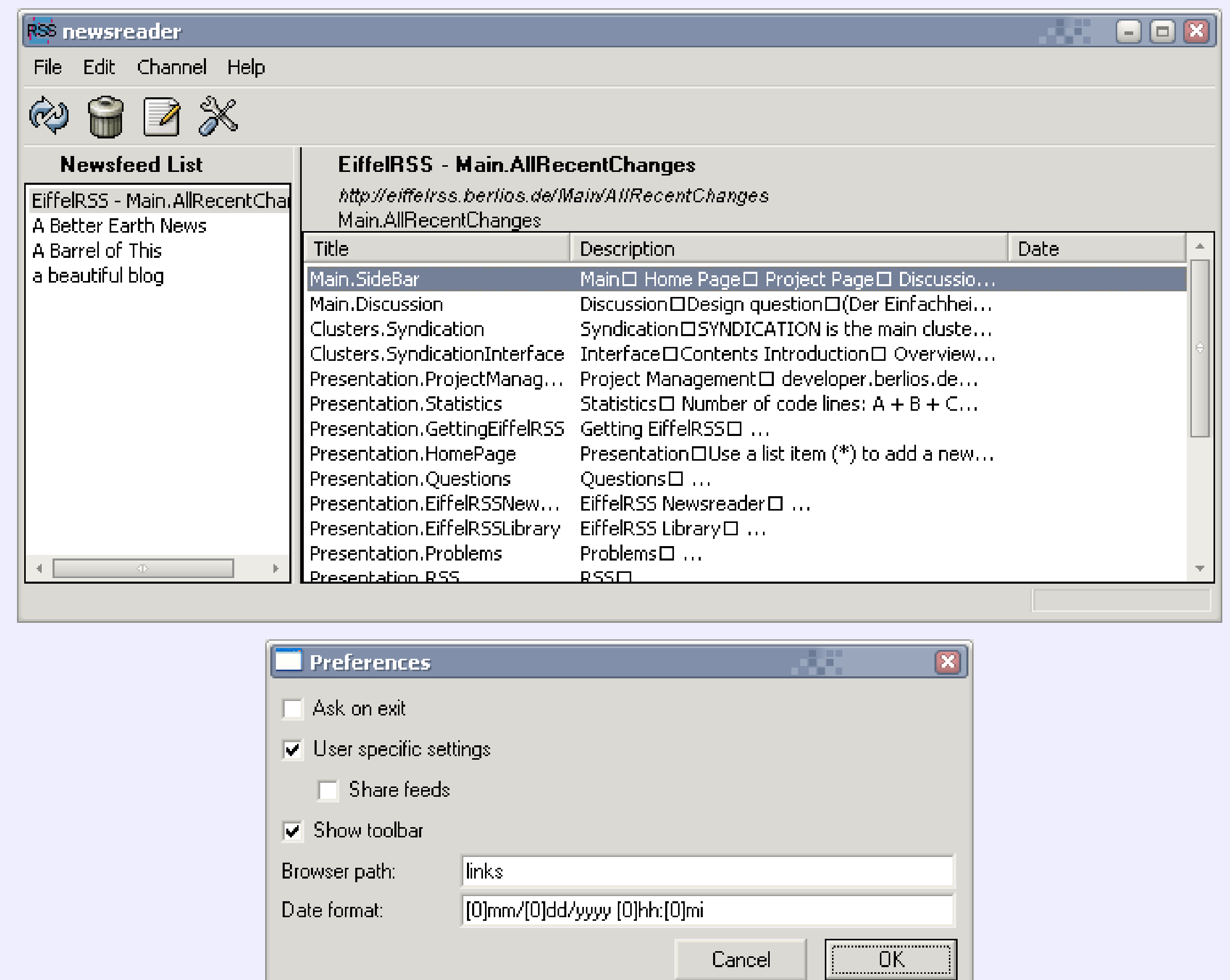
Clusters:

- ADT features classes to implement sortable structures.
- FETCH can fetch data from a source address to a local STRING using HTTP, FTP and file.
- LOGFILE represents a file which can be used for logging messages during the program execution.
- PROPERTIES represents a persistent set of properties.
- SYNDICATION is the main cluster of EiffelRSS with a feed object model, and classes to load and write feeds. It has three subclusters:
 - INTERFACE contains all the classes a developer needs to use the library.
 - FEED is the central datastructure of EiffelRSS. It defines an abstract syndication feed.
 - FORMATS defines the different syndication formats. It is easy extensible with other formats.



EiffelRSS Newsreader

- Newsreader is a simple RSS-feed reader which shows the possibilities of the EiffelRSS library.
- You can add custom feeds and open news in your Internet browser.
- Features a graphical and command line user interface.



What is RSS?

- RSS is an acronym for Really Simple Syndication, Rich Site Summary or RDF Site Summary
- It is a XML format for syndicating news, the content of news-like sites and pretty much anything that can be broken down into discrete items, e.g. the "recent changes" page of a Wiki, a changelog of SVN checkins, even the revision history of a book.
- Once information about each item is in RSS format, an RSS-aware program can check the feed for changes and react to the changes in an appropriate way.
- There are 9 different and incompatible versions of RSS (see <http://diveintomark.org/archives/2004/02/04/incompatible-rss>). EiffelRSS handles only RSS 2.0 at the moment, but can handle all of them through specialized reader and writer classes.

Getting EiffelRSS

- <http://eiffelrss.berlios.de>
- Subversion: `svn checkout svn://svn.berlios.de/eiffelrss`