

# Reading RSS Feed with Odysseus

With basic Odysseus processing capabilities, an RSS feed can be read and processed.

The following provides an example to the Tageeschau RSS feed

```
#PARSER PQL
#ADDQUERY
#DEFINE URL http://www.tagesschau.de/xml/rss2/
out = CACHE({
    maxelements = 200
  },
  CHANGEDETECT({
    attr=['guid']
  },
  TIMESTAMPORDERVALIDATE(TIMESTAMP({
    start='pubDate',
    dateformat='EEE, d MMM yyyy HH:mm:ss Z',
    locale='EN'
  }),
  CONVERTER({
    protocol='XML',
    inputdatahandler='Document',
    outputdatahandler='tuple',
    options=[
      ['xpaths', '/rss/channel/item/title;/rss/channel/item/link;/rss/channel/item/pubDate;/rss
/channel/item/description;/rss/channel/item/guid'],
      ['reverse', 'true']
    ],
    schema=[
      ['title', 'String'],
      ['links', 'String'],
      ['pubDate', 'String'],
      ['description', 'String'],
      ['guid', 'String']
    ]
  }),
  ACCESS({
    source='${URL}',
    wrapper='GenericPull',
    transport='HTTP',
    protocol='Document',
    datahandler='Document',
    options=[
      ['uri', '${URL}'],
      ['method', 'get'],
      ['scheduler.delay', '50000']
    ]
  })
})
)
```