

Practical 29

Write a python program to perform XML Parsing.

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[4]: import pandas as pd
from lxml.objectify import *
xml=parse(open("books.xml","r"))
r=xml.getroot()
print(r.tag)
df=pd.DataFrame(columns=("author","title","price"))
for i in range(5):
    obj = r.getchildren()[i].getchildren()
    d={"author":obj[0].text,"title":obj[1].text,"price":obj[2].text}
    row=pd.Series(d)
    row.name=i
    df=df._append(row)
df
```

catalog

```
[4]:
```

	author	title	price
0	Gambardella, Matthew	XML Developer's Guide	44.95
1	Ralls, Kim	Midnight Rain	5.95
2	Corets, Eva	Maeve Ascendant	5.95
3	Rowling, J.K.	Harry Potter and the Philosopher's Stone	12.99
4	Tolkien, J.R.R.	The Fellowship of the Ring	14.99