et$_{x}mlfileDocumentation$

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et_xmlfile is a low memory streaming XML generator developed for compatibility with lxml.etree.xmlfile where this is not available. It is pure Python and about twice as slow than lxml or other solutions.

CHAPTER 1

Note on performance

There is one area where an optimisation for lxml will negatively affect the performance of et_xmfile: when using the *.element()* method on an xmlfile context manager. It is recommended not to use this, though the method is provided for code compatibility.

Sample code:

```
from io import BytesIO
from xml.etree.ElementTree import Element

from et_xmlfile import xmlfile

out = BytesIO()
with xmlfile(out) as xf:
    el = Element("root")
    xf.write(el) # write the XML straight to the file-like object

assert out.getvalue() == b"<root />"
```

CHAPTER 2

API Documentation

et_xmlfile package

Submodules

et_xmlfile.xmlfile module

exception `et_xmlfile.xmlfile.`**`LxmlSyntaxError`**

Bases: `exceptions.Exception`

class `et_xmlfile.xmlfile.`**`xmlfile`**(*output_file*, *buffered=False*, *encoding=None*, *close=False*)

Bases: `object`

Context manager that can replace lxml.etree.xmlfile.

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