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# **et<sub>x</sub>ml***fileDocumentation*

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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.



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## Note on performance

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There is one area where an optimisation for lxml will negatively affect the performance of et\_xmlfile: 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.

### 1.1 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 />"
```



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## API Documentation

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### 2.1 et\_xmlfile package

#### 2.1.1 Submodules

#### 2.1.2 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`.



**e**

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## E

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