

Coverage for **app/repositories/books_adapter.py**: 96%



24 statements

23 run

1 missing

0 excluded

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```
1 import csv
2 import os
3 from app.repositories.csv_repository import CSVRepository
4
5 class BXBooksCSVAdapter(CSVRepository):
6     """ Adapter for BX_Books.csv (semicolon + Latin-1 encoding). """
7
8     def read_all(self, path):
9         if not os.path.exists(path):
10             return []
11         lock = self._get_lock(path)
12         with lock, open(path, "r", encoding="latin-1", newline="") as f:
13             return list(csv.DictReader(f, delimiter=";"))
14
15     def write_all(self, path, fieldnames, rows):
16         lock = self._get_lock(path)
17         with lock, open(path, "w", encoding="latin-1", newline="") as f:
18             writer = csv.DictWriter(f, fieldnames=fieldnames, delimiter=";")
19             writer.writeheader()
20             writer.writerows(rows)
21
22     def append_row(self, path, fieldnames, row):
23         file_exists = os.path.exists(path)
24         lock = self._get_lock(path)
25         with lock, open(path, "a", encoding="latin-1", newline="") as f:
26             writer = csv.DictWriter(f, fieldnames=fieldnames, delimiter=";")
27             if not file_exists:
28                 writer.writeheader()
29                 writer.writerow(row)
```

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