

```
# file_to_string
```

```
import pytest
```

```
from agentparse import file_to_string
```

```
# Test reading a .txt file
```

```
def test_file_to_string_txt(tmp_path):
```

```
    txt_file = tmp_path / "test.txt"
```

```
    txt_file.write_text("This is a test text file.")
```

```
    content = file_to_string(str(txt_file))
```

```
    assert content == "This is a test text file."
```

```
# Test reading a .csv file
```

```
def test_file_to_string_csv(tmp_path):
```

```
    csv_file = tmp_path / "test.csv"
```

```
    csv_file.write_text("name,age\nAlice,30\nBob,25")
```

```
    content = file_to_string(str(csv_file))
```

```
    assert content == "name,age\nAlice,30\nBob,25"
```

```
# Test reading a .json file
```

```
def test_file_to_string_json(tmp_path):
```

```
json_file = tmp_path / "test.json"

json_file.write_text('{"name": "Alice", "age": 30}')

content = file_to_string(str(json_file))

assert content == '{"name": "Alice", "age": 30}'
```

Test reading a .pdf file (mocking the PdfReader)

```
def test_file_to_string_pdf(mocked, tmp_path):

    pdf_file = tmp_path / "test.pdf"

    pdf_file.write_bytes(

        b"%PDF-1.4\n1 0 obj\n<< /Type /Page >>\nendobj\n"

    )
```

```
mocked.patch(

    "agentparse.PdfReader",

    return_value=mocked.Mock(

        pages=[

            mocked.Mock(

                extract_text=lambda: "This is a test PDF text."

            )

        ]

    ),

)
```

```
content = file_to_string(str(pdf_file))
```

```
assert "This is a test PDF text." in content
```

```
# Test reading a .xlsx file (mocking openpyxl)
```

```
def test_file_to_string_xlsx(mock, tmp_path):
```

```
    xlsx_file = tmp_path / "test.xlsx"
```

```
    # Create a mock workbook
```

```
    mock_workbook = mock.Mock()
```

```
    mock_sheet = mock.Mock()
```

```
    mock_sheet.iter_rows.return_value = [(1, 2), (3, 4)]
```

```
    mock_workbook.sheetnames = ["Sheet1"]
```

```
    mock_workbook.__getitem__.return_value = mock_sheet
```

```
    mock.patch(
```

```
        "agentparse.openpyxl.load_workbook",
```

```
        return_value=mock_workbook,
```

```
    )
```

```
    content = file_to_string(str(xlsx_file))
```

```
    assert "Sheet: Sheet1" in content
```

```
    assert "1,2" in content
```

```
    assert "3,4" in content
```

```
# Test unsupported file type
```

```
def test_file_to_string_unsupported_file(tmp_path):
```

```
unsupported_file = tmp_path / "test.xyz"
```

```
unsupported_file.write_text("This is an unsupported file type.")
```

```
with pytest.raises(
```

```
    ValueError, match="Unsupported file type: .xyz"
```

```
):
```

```
    file_to_string(str(unsupported_file))
```

```
# Test error handling for non-existent file
```

```
def test_file_to_string_non_existent_file():
```

```
    with pytest.raises(FileNotFoundError):
```

```
        file_to_string("non_existent_file.txt")
```