

API Fixes Test: DOCX Images & PDF Justification

API Test Bot, Deployment Validator

Abstract—This test document verifies that the API fixes resolve the deployment issues: DOCX tables now show images and proper captions, PDF has perfect justification matching LaTeX quality, and both formats are visually identical.

Index Terms—API fixes, deployment issues, DOCX images, PDF justification, visual identity

1. TABLE IMAGE DISPLAY TEST

2. IMAGE CAPTION TEST

3. TEXT JUSTIFICATION QUALITY

REFERENCES

This section tests that tables display images properly in DOCX and have correct captions.

The tables above should display properly with correct numbering: TABLE 1.1 and TABLE 1.2. Images in tables should be visible in both DOCX and PDF formats.

This section tests that images display with proper captions and numbering.

The image above should display as FIG. 2.1 with proper caption formatting. Both DOCX and PDF should show identical image placement and sizing.

This paragraph tests perfect text justification in PDF output. Every line should end at exactly the same horizontal position, creating perfectly even right margins that match LaTeX quality standards. The DOCX version should have good justification using Word's engine, while the PDF version should have perfect justification using WeasyPrint or ReportLab fallback.

The unified HTML system ensures that both DOCX and PDF outputs maintain consistent formatting, spacing, and element positioning. Tables, images, and text should appear identical in both formats, with only the justification quality differing between Word's good justification and PDF's perfect justification.

[1] Format-A Development Team. (2025). API Fixes for Deployment Issues. Technical Documentation.

[2] IEEE Standards Association. (2021). IEEE Editorial Style Manual. IEEE Press.