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import sys sys.path.insert(0, r"G:\Work\grammarinator_ucla_cs230\target\xhtml2pdf") import argparse from xhtml2pdf import pisa import os def convert_html_to_pdf(input_html_file, output_pdf_file): """Converts an HTML file to a PDF file.""" # Read the HTML file with open(input_html_file, "r") as html_file: html_content = html_file.read() # Convert HTML to PDF with open(output_pdf_file, "wb") as pdf_file: pisa_status = pisa.CreatePDF(html_content, dest=pdf_file) # Check for errors if pisa_status.err: print("Error occurred while generating PDF.") else: print(f"PDF successfully generated: {output_pdf_file}") def main(): # Parse command-line arguments parser = argparse.ArgumentParser(description="Convert HTML to PDF using xhtml2pdf.") parser.add_argument("input_html", help="Path to the input HTML file") args = parser.parse_args() # Derive the output PDF file name input_html_path = args.input_html output_pdf_path = os.path.splitext(input_html_path)[0] + ".pdf" # Convert HTML to PDF print(input_html_path, output_pdf_path) convert_html_to_pdf(input_html_path, output_pdf_path) main()
```