

# Pdfjs 使用

## 1、 预览

```
<!-- 预览 canvas 外层容器 -->
<div class="wrapper" id="pdf-container"></div>
```

```
var pageRenderNum = 1; // 当前渲染页码
var totalPageNum = 1; // 总页数
$(function () {
    loadPdf("./test.pdf");
})

/**
 * Copyright: Copyright (c) 2020
 * Created on 2021-03-18
 * Author: chen
 * 加载 pdf
 */
function loadPdf(fileURL) {
    PDFJS.workerSrc = 'js/pdf.worker.js';
    PDFJS.getDocument(fileURL).then(function (pdf) {
        //用 promise 获取页面
        var id = '';
        var idTemplate = 'cw-pdf-';
        var pageNum = pdf.numPages;
        //根据页码创建画布
        createSeriesCanvas(pageNum, idTemplate);
        totalPageNum = pageNum;
        // 渲染 pdf
        renderPDF(pdf, pageRenderNum, 'cw-pdf-' + pageRenderNum)
    });
}

/**
 * 创建和 pdf 页码等数的 canvas
 */
function createSeriesCanvas(num, template) {
    var id = '';
    for (var j = 1; j <= num; j++) {
```

```

        id = template + j;
        $("#pdf-container").append('<canvas id="' + id + '" class="pdfClass"></canvas>');
    }
}

/**
 * 渲染 pdf
 */
function renderPDF(pdf, i, id) {
    pdf.getPage(i).then(function (page) {
        // 识别 pdf 中文本
        page.getTextContent().then(function(textContent) {
            var str = ""
            for(let j = 0; j < textContent.items.length; j++) {
                str += textContent.items[j].str
            }
            console.log("page.. str = " + str)
        });

        var scale = 1.0;
        var scale = 96.0 / 72.0;
        var viewport = page.getViewport(scale);
        // 准备用于渲染的 canvas 元素
        var canvas = document.getElementById(id);
        var context = canvas.getContext('2d');
        canvas.height = viewport.height;
        canvas.width = viewport.width;
        // 将 PDF 页面渲染到 canvas 上下文中
        var renderContext = {
            canvasContext: context,
            viewport: viewport
        };
        var renderTask = page.render(renderContext);

        renderTask.promise.then(function() {
            if (pageRenderNum < totalPageNum) {
                pageRenderNum++;
                renderPDF(pdf, pageRenderNum, 'cw-pdf-' + pageRenderNum);
            }
        });
    });
}

```