



Enfocus PitStop Library Container 2415

OAS 3.0

PitStop Library Container provides preflight services along with fixing the PDF file and flattening. Reports can also be generated in 9 more languages other than English. PDF2IMAGE lets users create PNG or JPEG images from PDF files. This feature also allows Action Lists to be run on the PDF, so the PDF can be adjusted or graphics added before the conversion.

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PLC Preflight APIs for Preflight and PDF2Image

POST/job

This API is used to push jobs and uses the callback to provide results.

Parameter Categories

- 1.Input
- 2.Preflight
- 3.Color Management
- 4.Flattening
- 5.Reporting
- 6.Progress Notification

Parameters

Try it out

No parameters

Request body required

application/json

job Object

Example Value | Schema

```

{
  "inputFileURL": "url",
  "outputFixedFileURL": "url",
  "reference": "string",
  "profileURL": "url",
  "actionListURLs": "[url]",
  "variableSetURL": "url",
  "jobTicketURL": "url",
  "extraFontsFolderURL": "[url]",
  "jobStatusURL": "http://localhost:8080/result",
  "allowFixes": true,
  "reportProgress": true,
  "progressMinFraction": 0.05,
  "reportURLs": {
    "JSON": "string",
    "XML": "string",
    "PDF": "string"
  },
  "reportTemplate": {
    "configFileURL": "string",
    "templateFileURL": "string"
  },
  "reportLanguage": "enUS",
  "maxItemsPerCategory": 100,
  "maxNumOccurrencesPerItem": 100,
  "colorManagement": {
    "images": {
      "sourceProfiles": {
        "profileGray": {
          "url": "presigned url of Generic Enfocuss gray.icm"
        },
        "profileRGB": {
          "url": "presigned url of Generic Enfocuss RGB.icm"
        },
        "profileCMYK": {
          "url": "presigned url of Generic Enfocuss CMYK.icm"
        },
        "profileLabPath": {
          "url": "presigned url of Generic Enfocuss Lab.icm"
        },
        "intentOverrides": false
      },
      "targetProfiles": {
        "profileGray": {
          "url": "presigned url of Generic Enfocuss gray.icm"
        },
        "profileRGB": {
          "url": "presigned url of Generic Enfocuss RGB.icm"
        },
        "profileCMYK": {
          "url": "presigned url of Generic Enfocuss CMYK.icm"
        },
        "profileLabPath": {
          "url": "presigned url of Generic Enfocuss Lab.icm"
        },
        "intentOverrides": false
      },
      "renderingIntent": "objectDefined"
    },
    "blackPointCompensation": false
  },
  "flattening": {
    "rasterToVectorRatio": 100,
  }
}

```

```
"lineArtAndTextResolution": 1200,
"gradientAndMeshResolution": 300,
"textToOutlines": false,
"strokesToOutlines": false,
"clipComplexRegions": false,
"preserveOverprint": true,
"blendingColorSpace": {
  "path": "url",
  "name": "string"
},
"removeICCPProfile": true,
"recompressImages": {
  "colorImage": {
    "format": "JPEG",
    "quality": "4bit"
  },
  "grayscaleImage": {
    "format": "JPEG",
    "quality": "4bit"
  },
  "oneBitImage": {
    "format": "CCITT Group 3"
  },
  "asciiFilter": ""
}
}
```

Responses

Code	Description	Links
200	OK	No links
503	Worker is busy	No links

POST /pdf2image

This API is used to push jobs and uses the callback to provide results

Parameters

Try it out

No parameters

Request body required

application/json

JSON request

Example Value | Schema

```
{
  "inputFileURL": "url",
  "reference": "abc",
  "prerenderActionListURLs": "[url]",
  "restrictingActionListURL": "url",
  "variableSetURL": "url",
  "extraFontsFolderURL": "[url]",
  "jobStatusURL": "http://localhost:8080/result",
  "imageProperties": {
    "type": "JPEG",
    "qualityJPEG": "Medium",
    "progressiveJPEG": false,
    "interlacedPNG": false,
    "colorSpace": "DeviceRGB",
    "backgroundColor": [
      0,
      100,
      50
    ]
  },
  "embedICCProfile": false,
  "pageRange": "1-5",
  "includeEmptyPages": false,
  "exportOption": "Composite",
  "renderArea": {
    "rectangle": {
      "minX": 5.00008,
      "minY": 4.00008,
      "maxX": 10.00008,
      "maxY": 8.00008
    },
    "pageBox": "TrimBox"
  },
  "imageResolution": 72,
  "imageSize": {
    "width": 300,
    "height": 300
  },
  "antiAliasing": false,
  "output": {
    "targetLocation": "url"
  }
}
```

Responses

Code	Description	Links
200	OK	No links
503	Worker is busy	No links

POST /preflightthenimage

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This API is used to push jobs for preflight and then convert that into images.

Note: Either outputFixedFileURL or output.preflightedFileURL can be provided to upload the fixed file for preflight. And either output.targetLocation or output.renderedFileURL to upload the zip file for pdf2image.

Parameters

[Try it out](#)

No parameters

Request body required

[application/json](#) 

JSON request

[Example Value](#) | [Schema](#)

```
{
  "inputFileURL": "url",
  "outputFixedFileURL": "url",
  "reference": "string",
  "profileURL": "url",
  "actionListURLs": "[url]",
  "variableSetURL": "url",
  "jobTicketURL": "url",
  "extraFontsFolderURL": "[url]",
  "jobStatusURL": "http://localhost:8080/result",
  "allowFixes": true,
  "reportProgress": true,
  "progressMinFraction": 0.05,
  "reportURLs": {
    "JSON": "string",
    "XML": "string",
    "PDF": "string"
  },
  "reportTemplate": {
    "configFileURL": "string",
    "templateFileURL": "string"
  },
  "reportLanguage": "enUS",
  "maxItemsPerCategory": 100,
  "maxNumOccurrencesPerItem": 100,
  "colorManagement": {
    "images": {
      "sourceProfiles": {
        "profileGray": {
          "url": "presigned url of Generic Enfocus gray.icm"
        },
        "profileRGB": {
          "url": "presigned url of Generic Enfocus RGB.icm"
        },
        "profileCMYK": {
          "url": "presigned url of Generic Enfocus CMYK.icm"
        },
        "profileLabPath": {
          "url": "presigned url of Generic Enfocus Lab.icm"
        }
      },
      "intentOverrides": false
    }
  },
  "targetProfiles": {
```

```
"profileGray": {
  "url": "presigned url of Generic Enfocus gray.icm"
},
"profileRGB": {
  "url": "presigned url of Generic Enfocus RGB.icm"
},
"profileCMYK": {
  "url": "presigned url of Generic Enfocus CMYK.icm"
},
"profileLabPath": {
  "url": "presigned url of Generic Enfocus Lab.icm"
},
"intentOverrides": false
},
"renderingIntent": "objectDefined"
},
"blackPointCompensation": false
},
"flattening": {
  "rasterToVectorRatio": 100,
  "lineArtAndTextResolution": 1200,
  "gradientAndMeshResolution": 300,
  "textToOutlines": false,
  "strokesToOutlines": false,
  "clipComplexRegions": false,
  "preserveOverprint": true,
  "blendingColorSpace": {
    "path": "url",
    "name": "string"
  },
  "removeICCProfile": true,
  "recompressImages": {
    "colorImage": {
      "format": "JPEG",
      "quality": "4bit"
    },
    "grayscaleImage": {
      "format": "JPEG",
      "quality": "4bit"
    },
    "oneBitImage": {
      "format": "CCITT Group 3"
    },
    "asciiFilter": ""
  }
},
"restrictingActionListURL": "url",
"imageProperties": {
  "type": "JPEG",
  "qualityJPEG": "Medium",
  "progressiveJPEG": false,
  "interlacedPNG": false,
  "colorSpace": "DeviceRGB",
  "backgroundColor": [
    0,
    100,
    50
  ]
},
"embedICCProfile": false,
"pageRange": "1-5",
"includeEmptyPages": false,
"exportOption": "Composite",
"renderArea": {
  "rectangle": {
    "minX": 5.00008,
    "minY": 4.00008,
    "maxX": 10.00008,
    "maxY": 8.00008
  }
},
```

```
"pageBox": "TrimBox",
},
"imageResolution": 72,
"imageSize": {
  "width": 300,
  "height": 300
},
"antiAliasing": false,
"output": {
  "targetLocation": "url",
  "preflightedFileURL": "url",
  "renderedFileURL": "url"
}
}
```

Responses

Code	Description	Links
200	OK	No links
503	Worker is busy	No links

POST /changeWorkersCount

This API allows dynamic adjustment of the workers count without service restart.

Note: Immediate response is provided with status code 202 iff provided count is valid and there is no change request is being processed.

Later workers count will be changed in background and it will be reflected on isAlive api call response. If count is not a positive number then request fails with status code 400. If change of workers count is in progress from previous request then new request fails with status code 425.

Parameters

Try it out

No parameters

Request body required

application/json

JSON request

Example Value | Schema

```
{
  "count": 5
}
```

Responses

Code	Description	Links
202	Accepted	No links
400	Failed	No links
425	Failed	No links

GET

/abort/{jobId}

This API aborts the ongoing processing of the job for the given jobId.

Parameters

Try it out

Name	Description
jobId * required (path)	abort job with id

jobId

Responses

Code	Description	Links
200	OK	No links
404	No job to abort	No links

GET

/progress/{jobId}

This API is used to get the progress of the ongoing job for the given jobId.

Parameters

Try it out

Name	Description
jobId * required (path)	Id of the job
	<div>jobId</div>

Responses

Code	Description	Links
200	OK	No links
404	No job with given id	No links

HealthCheck APIs for health Check



GET /version.json



This API is used to get details of the application

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	OK	No links

GET

/isAlive

^

This API is used to get the details of workers

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	OK	No links