

## pdfbox-dev mailing list archives

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**From** "Tilman Hausherr (JIRA)" <j...@apache.org>  
**Subject** [jira] [Created] (PDFBOX-2925) EmptyStackException in PDFStreamEngine.getColorSpaces  
**Date** Sat, 08 Aug 2015 06:17:45 GMT

Tilman Hausherr created PDFBOX-2925:  
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Summary: EmptyStackException in PDFStreamEngine.getColorSpaces  
Key: PDFBOX-2925  
URL: https://issues.apache.org/jira/browse/PDFBOX-2925  
Project: PDFBox  
Issue Type: Bug  
Components: Preflight  
Affects Versions: 1.8.10  
Reporter: Tilman Hausherr  
Assignee: Tilman Hausherr  
Fix For: 1.8.11

>From Abel S. in the user mailing list:

I'm testing prawn generated PDFs (<https://github.com/prawnpdf/prawn>) and I have found that when trying to validate them with PreflightParser, I get an unchecked exception instead of an expected org.apache.pdfbox.preflight.exception.ValidationException.

I attach the PDF (example-manual.pdf) and here is the stacktrace:

```
{code}
Exception in thread "main" java.util.EmptyStackException
    at java.util.Stack.peek(Stack.java:102)
    at org.apache.pdfbox.util.PDFStreamEngine.getColorSpaces(PDFStreamEngine.java:579)
    at org.apache.pdfbox.util.operator.SetNonStrokingColorSpace.process
(SetNonStrokingColorSpace.java:50)
    at org.apache.pdfbox.preflight.content.ContentStreamWrapper.processOperator
(ContentStreamWrapper.java:162)
    at org.apache.pdfbox.util.PDFStreamEngine.processSubStream(PDFStreamEngine.java:268)
    at org.apache.pdfbox.util.PDFStreamEngine.processSubStream(PDFStreamEngine.java:244)
    at org.apache.pdfbox.preflight.content.ContentStreamWrapper.validateXObjectContentStream
(ContentStreamWrapper.java:100)
    at org.apache.pdfbox.preflight.xobject.XObjectFormValidator.validateXObjectContent
(XObjectFormValidator.java:113)
    at org.apache.pdfbox.preflight.xobject.XObjectFormValidator.validate(XObjectFormValidator.java:76)
    at org.apache.pdfbox.preflight.process.reflect.GraphicObjectPageValidationProcess.validate
(GraphicObjectPageValidationProcess.java:77)
    at org.apache.pdfbox.preflight.utils.ContextHelper.callValidation(ContextHelper.java:81)
    at org.apache.pdfbox.preflight.utils.ContextHelper.validateElement(ContextHelper.java:54)
    at org.apache.pdfbox.preflight.process.reflect.ResourcesValidationProcess.validateXObjects
(ResourcesValidationProcess.java:191)
    at org.apache.pdfbox.preflight.process.reflect.ResourcesValidationProcess.validate
(ResourcesValidationProcess.java:78)
    at org.apache.pdfbox.preflight.utils.ContextHelper.callValidation(ContextHelper.java:81)
    at org.apache.pdfbox.preflight.utils.ContextHelper.validateElement(ContextHelper.java:54)
    at org.apache.pdfbox.preflight.process.reflect.SinglePageValidationProcess.validateResources
(SinglePageValidationProcess.java:163)
    at org.apache.pdfbox.preflight.process.reflect.SinglePageValidationProcess.validate
(SinglePageValidationProcess.java:82)
    at org.apache.pdfbox.preflight.utils.ContextHelper.callValidation(ContextHelper.java:81)
    at org.apache.pdfbox.preflight.utils.ContextHelper.validateElement(ContextHelper.java:54)
    at org.apache.pdfbox.preflight.process.PageTreeValidationProcess.validatePage
(PageTreeValidationProcess.java:58)
    at org.apache.pdfbox.preflight.process.PageTreeValidationProcess.validate
(PageTreeValidationProcess.java:47)
    at org.apache.pdfbox.preflight.utils.ContextHelper.callValidation(ContextHelper.java:81)
    at org.apache.pdfbox.preflight.utils.ContextHelper.validateElement(ContextHelper.java:96)
    at org.apache.pdfbox.preflight.PreflightDocument.validate(PreflightDocument.java:168)
{code}
```

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