1 General Information

This is an example of a pdf file containing javascript which is executed through an OpenAction Event embedded within pdf file itself.

2 Necessary Items

- package *acrotex*
- package *ms*
- package *attachfile*
- ...

3 Attachment

a word document 
a pdf document 
a txt document 

4 Exploit

Read the following article on heise. There a complete analysis of an openaction malware is described.

5 tex

```
%https://tex.stackexchange.com/questions/30706/
%example-of-javascript-form-within-pdflatex?rq=1
%https://www.pdfill.com/download/Acro6JSGuide.pdf
%https://acrobatusers.com/tutorials/
%importing-and-exporting-pdf-file-attachments-acrobat-javascript
%https://www.telesec.de/de/onetimepass/207-faq/eegw/allgemeine-fragen/
%553-wieso-kann-ich-mit-dem-adobe-acrobat-reader-keine-zip-archive-oeffnen

\documentclass{article}
\usepackage[pdftex]{insdljs}
\usepackage{attachfile}
\OpenAction{\JS{%
%this.exportDataObject({ cName: "test.pdf", nLaunch: 2 });
app.alert( showinfo(), 3 );
}}
\begin{insDLJS}[test]{test}{JavaScript}
function showinfo()
{ return "!JavaScript executed on OpenAction!"; }
\end{insDLJS}

\begin{document}
\title{PDF with attached files executing}
\section{General Information}
\noindent This is an example of a pdf file containing javascript which
is executed through an OpenAction Event embedded within pdf file itself.

\section{Necessary Items}
\begin{itemize}
\item package \textit{acrotex}
\item package \textit{ms}
\item package \textit{attachfile}
\item $\ldots$
\end{itemize}

\section{Attachment}
\noindent a word document
\attachfile{test.docm}\\
\noindent a pdf document
\attachfile{test.pdf}\\
\noindent a txt document
\attachfile{test.txt}\\
\end{document}
```