AcroTEX.Net

Approval Signing using AeB Pro

D. P. Story

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To: Honorable Barrister Maxwell Frimpong
From: D. P. Story
Subject: On Business Proposal

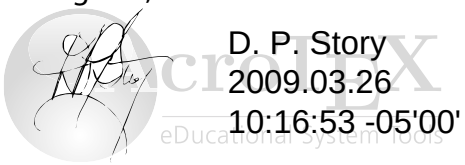
March 23, 2009

Dear Mr. Frimpong;

Thank you for thinking of me concerning an "important business proposal" in your recent and brief email to me on March 23, 2009. Recovering $12,000,000 (twelve million Us dollars) in claims sounds intriguing and exciting to me. Such a large amount of money would certainly come in handy in these tough times. Yet, regrettably, I must decline you kind offer; though I am in retirement, I am, none-the-less, quite busy lately sorting my button collection, and don't really have the time to pick up all this easy money.

Thank you again, Barrister Frimpong, for your offer. Please keep me in mind should future opportunities arise.

Best regards,



Dr. D. P. Story
Department of Mathematics,
Talking University
Talkville, FL 12345
dpstory@uakron.edu

1. Creating and Signing a Signature Field

The eforms package can create a signature field with the `\sigField` command, and using the aeb_pro package with its `docassembly` environment, can also sign the field from a LaTeX source.

The LaTeX code for creating the signature field of this document is

```
Best regards,\\
\sigField{sigOfDPS}{2.5in}{4\baselineskip}\\[3pt]
Dr.\ D. P. Story\\
Department of Mathematics,\\
Talking University\\
Talkville, FL 12345\\
\texttt{dpstory@uakron.edu}
```

The `\sigField` command appears in the second line, and uses the usual syntax for form fields, as defined in the eforms package. The optional parameter, shown used in this example, is used to change the appearance of the (unsigned) field, and to associate JavaScript actions. Here's what the field looks like when it is unsigned.

Once the field is created, it can be signed using the Acrobat user interface, or programmatically, from the LaTeX source file. The code for the first signature field of this document is

```
\begin{docassembly}
\sigInfo{% creates the oSigInfo object
    cSigFieldName: "sigOfDPS",
    cert: "D_P_Story.pfx", password: "mypassword",
    oInfo: { location: "Niceville, FL",
      reason: "I am approving this document",
      contactInfo: "dpstory@acrotex.net",
      appearance: "My Signature" }
};
\signatureSign
\end{docassembly}
```

where I have changed the value of the `password` key to protect my secrets. The first command, `\sigInfo`, creates an JavaScript object, `oSigInfo`. The command `\signatureSign` uses the information in this object to sign the field designated by the `cSigFieldName` property.

Additional information on signatures can be found at the Acrobat Developer Center; or go to the Acrobat Security page; look for the document titled *Digital Signature User Guide for Acrobat 9.0 and Adobe Reader 9.0*.

The *JavaScript for Acrobat API Reference*[1] for details on these methods and their parameters.

[1] Available through the Acrobat Developer Center.