

AcroT<sub>E</sub>X.Net

## Seeding a Signature Field with AeB Pro

D. P. Story

To: Honorable Barrister Maxwell Frimpong  
From: D. P. Speaker  
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 your 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,

Note: Acrobat required to sign

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In this example, we seed the signature field but do not sign it. Signing, perhaps, comes later through the user interface.

As in the previous blog articles on signatures, we use `\sigField` to create the field.

```
Best regards,\  
\sigField{sigOfDPS}{2.5in}{4\baselineskip}\[3pt]  
Dr.\ D. P. Speaker\  
Department of Rhetoric,\  
The Talking University\  
Talkville, FL 12345\  
\texttt{dpspeaker@talking.edu}\
```

The field is created then seeded using the `\signatureSetSeedValue` command of AeB Pro. This command expands to execute trusted version of the security restricted JavaScript method `Field.signatureSetSeedValue()`. The field is seeded as part of the `docassembly` event.

```
\begin{docassembly}  
var sv={  
  mdp: "defaultAndComments",  
  legalAttestations: ["Approved by Management",  
    "Signed by Legal"],  
  reasons: ["This is a reason", "This is a better reason"],  
  flags: 8|16  
};  
\sigFieldObj("sigOfDPS");  
\signatureSetSeedValue(sv);  
\end{docassembly}
```

We create a JavaScript object `sv` and populate it with key-value pairs that are to be passed to the `Field.signatureSetSeedValue()` method. The first property (with key `mdp`) makes this into a certifying signature field, the `reasons` key restricts the reason the signer can use when he/she sign the field. The `flags` property makes it mandatory that one of these listed reasons be used. Next, we get the field object using `\sigFieldObj` for the signature field. Finally, the command `\signatureSetSeedValue(sv)` is expanded, finishing the doc assembly.

Additional information on signatures is found at the **Acrobat Developer Center**.<sup>1</sup> Refer to the *JavaScript for Acrobat API Reference*, also found at the **Acrobat Developer Center**, for details on these methods and their parameters. Adobe is notorious for moving its reference documents and renaming them, year after year. Good luck searching the Adobe web site for the references you need.

Now, back to my retirement.

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<sup>1</sup>[http://www.adobe.com/go/acrobat\\_developer](http://www.adobe.com/go/acrobat_developer)