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```
var preLoadFlag = false;
worldwidePopped = false;
var worldwideTimer;

if (navigator.platform && (navigator.
//mac users
```

Using JavaScript with Acrobat Forms

James C. King
A Principal Scientist



JavaScript in Acrobat Forms



- **Brief Introduction**
- **Examples**

Brief Introduction



- **JavaScript is a programming language**

- *Defined by Netscape*

- *Object oriented*

- *Classes: Boolean, Number, Date, Math, String, and Array.*

- **Has been specialized for Acrobat use**

- *Predefined classes and objects*

- *Objects: app, console, doc, event, field, global, util and of course this.*

Brief Introduction



- **Learn Acrobat Forms in stages**
 - *The basics*
 - *Validate, calculate, actions*
 - *Submit and receive with WWW Server*
 - *Scripting simple things*
 - *Scripting programs*
- **Learn by Example**
 - *Copy and modify example scripts*
 - *Can do a lot with very simple scripts*

Documentation



- **Two important documents**
 - *JSSpec.pdf*
 - *AcroJS.pdf*
- **Found in the Acrobat “Help” folder**
 - *See especially “Field Properties” section of AcroJS.pdf*

Alerts



- **Example -- before typing into field**
 - *Field A:*

Asking Questions



- **Example -- accessing other fields**
 - *Field B:*

Mouse overs

- Example -- changing properties
 - *Field C:*

Calculate Script



■ Example -- complicated sums

Cost * Quantity = Total

Cost.0

Cost.1

Cost.2

Cost.3

Levels of Scripts

- **Field Level -- in field actions, validate, calculate**
- **Document Level -- in “Tools->Forms->Document JavaScripts”**
- **Plug-in Level -- in “Plug-ins/AcroForms/JavaScript” folder**



Levels of Scripts

- **Example Document Level -- Change all backgrounds**

Variable categories

- Locals -- use "var y"
- Document wide -- use "this.y"
- "Within Session Globals" -- use
"global.setPersistent (y, false)"
- "Across Session Globals" -- use
"global.setPersistent (y, true)"

Variable categories

Var: (ZZ)

this: (YY)

Persistent(false): (WW)

Persistent(true): (XX)

Set All:



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