

# JavaScript Clock/Timer Demo

by Thom Parker

Stop Timer

WindJack Solutions, Inc.

We can make clocks and timers in a PDF by combining the date object with a timer. Timers are created in Acrobat JavaScript with the "app.setInterval()" function. As arguments this function takes the length of the timing interval in milliseconds and some JavaScript code to execute. In this file, the timer code is in a Document Script named "ClockCode". The Timer control buttons below set state variables used in the timer function to control the internal time calculations and the display. The timer must be cleared before the document is closed. This is done with the "app.clearInterval()" function in the "WillClose" Action.

Continuous Clock:

4:57:56 pm

24 hour

Local

Portland

Hyderabad

UTC

New York

Tokyo

Sunday Aug 17, 2008

Stopwatch:

00:00:00:00

Start

Stop

Pause

Clear

Stopped

Count Down Timer:

00:00:00:00

Start

Stop

Clear

Set Hours:

+10

-10

+1

-1

Set Minutes:

+10

-10

+1

-1

Set Seconds:

+10

-10

+1

-1