

## Lesson 16. Use timers

You may use Timer performer to automate tasks. In this lesson, we show current time on a page. We use the Timer performer to re-display the time every second.

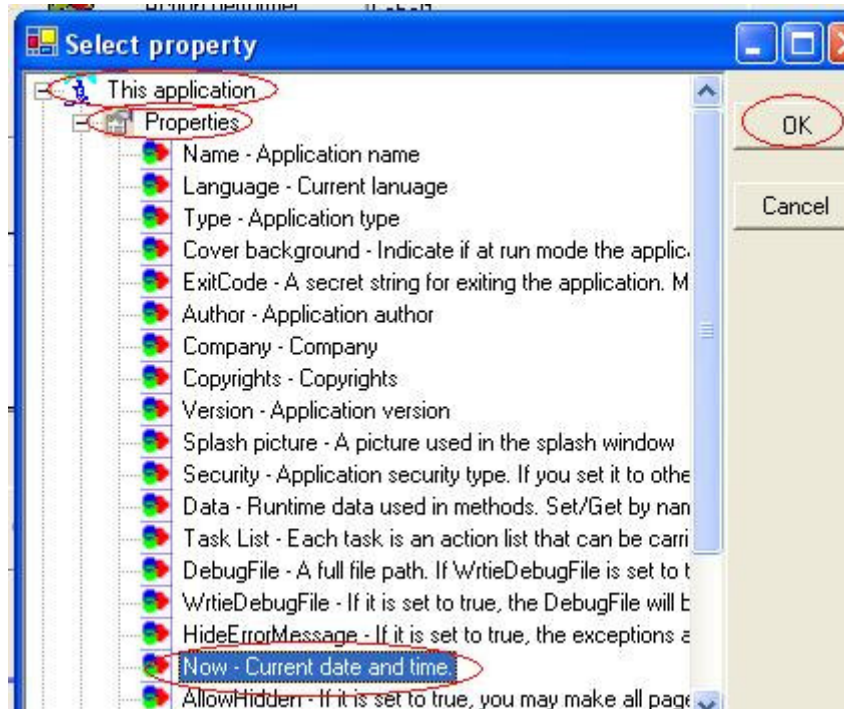
Add a Label performer to the page for showing the current time. We may get the current time from the Now property of the Application performer. We create an action to set the Text property of the Label performer to the Now property of the Application performer. Right-click on the Label performer, choose “Make action”, choose “SetText”:



Give an action name, say, ShowTime. A dialogue box appears asking for the text. Click Cancel button because the text we want to use is not a simple constant text:



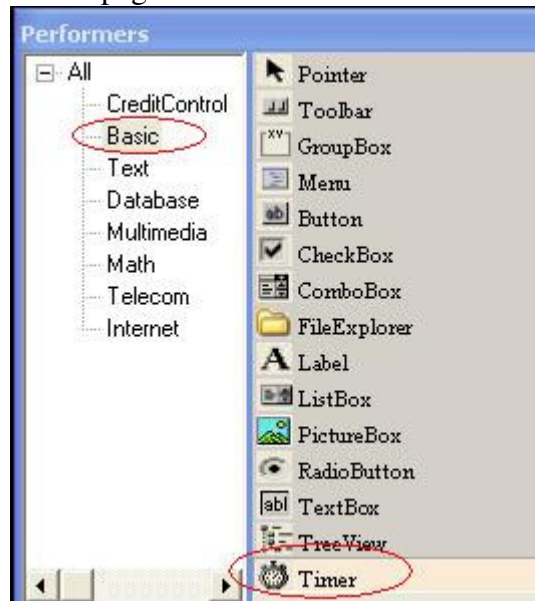
The Action data dialogue appears. For the Text parameter, click “Select property”, find the Now property of the Application performer:



Click Finish button, and we are done making this action.

We add a Timer performer so that this action may be performed every second.

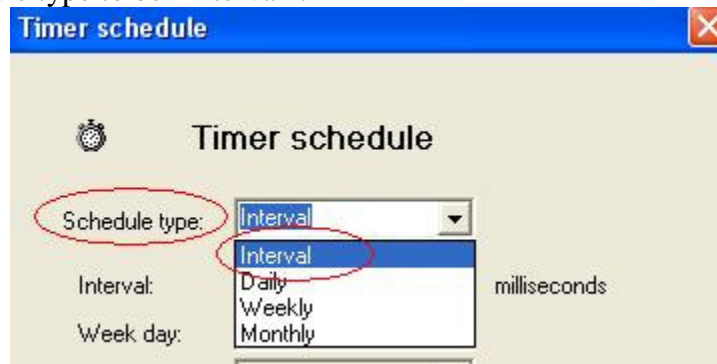
Drop a Timer performer to the page:



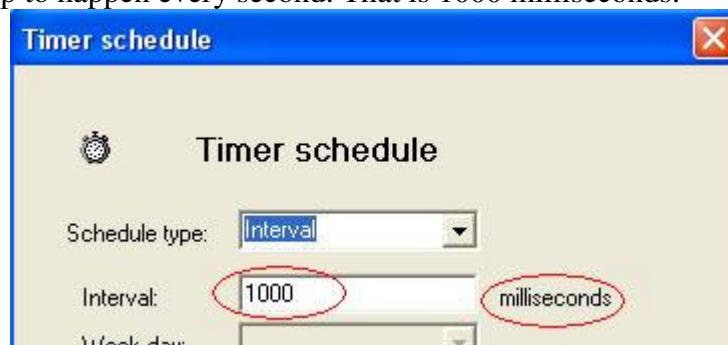
Set its Schedule property to be once every second:



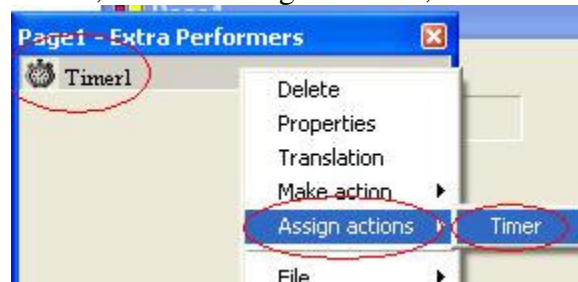
First, set Schedule type to be “Interval”:



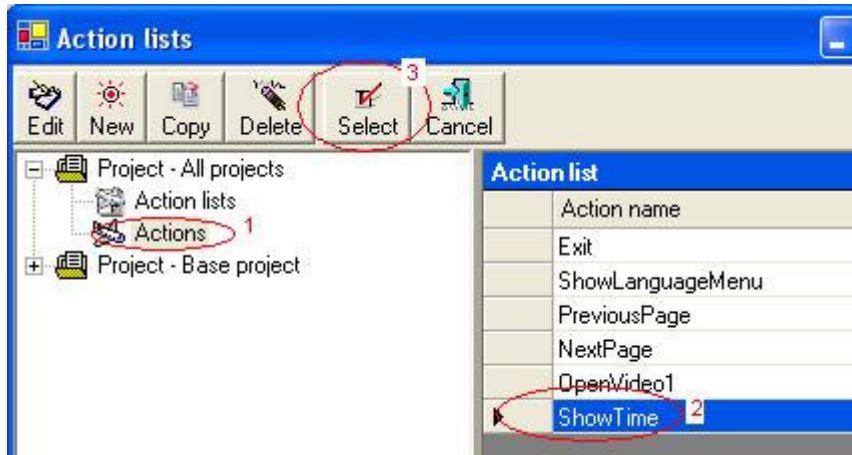
“Daily” means that the time-up happens once a day. “Weekly” means that the time-up happens once a week. “Monthly” means that the time-up happens once a month. “Interval” means that the time-up event happens in an interval of specified time. Here we want the time-up to happen every second. That is 1000 milliseconds:



Now we assign the ShowTime action to the Timer event of this Timer performer. Right-click on the Timer performer, choose “Assign actions”, choose “Timer”:



Select the ShowTime action:



We are done. Press F2 to run it. You will see the time shows on the label:



And it keeps changing every second.