
Subject: Re: How to check whether application is running
Posted by [bushman](#) on Mon, 09 Aug 2010 02:16:13 GMT
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```
// global function:
HWND GetRunningWindow() {
    // Check if exists an application with the same TITLE as this application
    HWND hWnd = FindWindow(NULL, "My TopWindow Title");
    if (IsWindow(hWnd)) {
        HWND hWndPopup = GetLastActivePopup(hWnd);
        if (IsWindow(hWndPopup))
            hWnd = hWndPopup; // Previous instance exists
    } else {
        hWnd = NULL; // Previous instance doesnt exist
    }
    return hWnd;
}

GUI_APP_MAIN
{
    // Checks for previous instance of our app
    HWND hOtherWnd = GetRunningWindow();
    // Allow only one app instance
    if (hOtherWnd) { // hOtherWnd != NULL -> Previous instance exists
        PromptOK("The program is already running");
        SetForegroundWindow(hOtherWnd); // Activate it &
        if (IsIconic(hOtherWnd))
            ShowWindow(hOtherWnd, SW_RESTORE); // restore it
        return; // Abort current app execution
    }

    // ... otherwise, run app here ...

}
```

Thanks again.
