

**This documents describes how the freeware text editor ‘PSPad’ can be configured to support MemBrain script development.**

## **1 Install MemBrain**

## **2 Adjust MemBrain’s remote scripting path**

Start MemBrain and click on the main menu item <Scripting><Remote Scripting Path...>. A file selection dialog will open stating the file name ‘scrstart.txt’. Note down the adjusted path from the dialog and click OK. You will have to select the same path within PSPad later on during this setup routine.

Note that you can also change the path MemBrain uses for remote scripting with this menu option.

## **3 Run first MemBrain script**

Run any example script in MemBrain by selecting <Scripting><Execute Script...>.

Note: It doesn’t matter if the script executes correctly. It is not even a problem if there are compilation errors reported by MemBrain. The only purpose of this example run is that MemBrain creates the file ‘scrend.txt’ for the first time.

This file is created by MemBrain after every attempt to run a script, no matter if successful or not.

## **4 Install PSPad**

Navigate to <http://www.pspad.com/> and select your language. Navigate to the Download page, download PSPad and install the program.

## **5 Adjust PSPad language**

This description is based on the English language setting of PSPad. It is recommended that you change the language of PSPad temporarily to ‘English’ for the duration of this setup procedure so that you can directly compare the screen shots in this document with what you see on your screen.

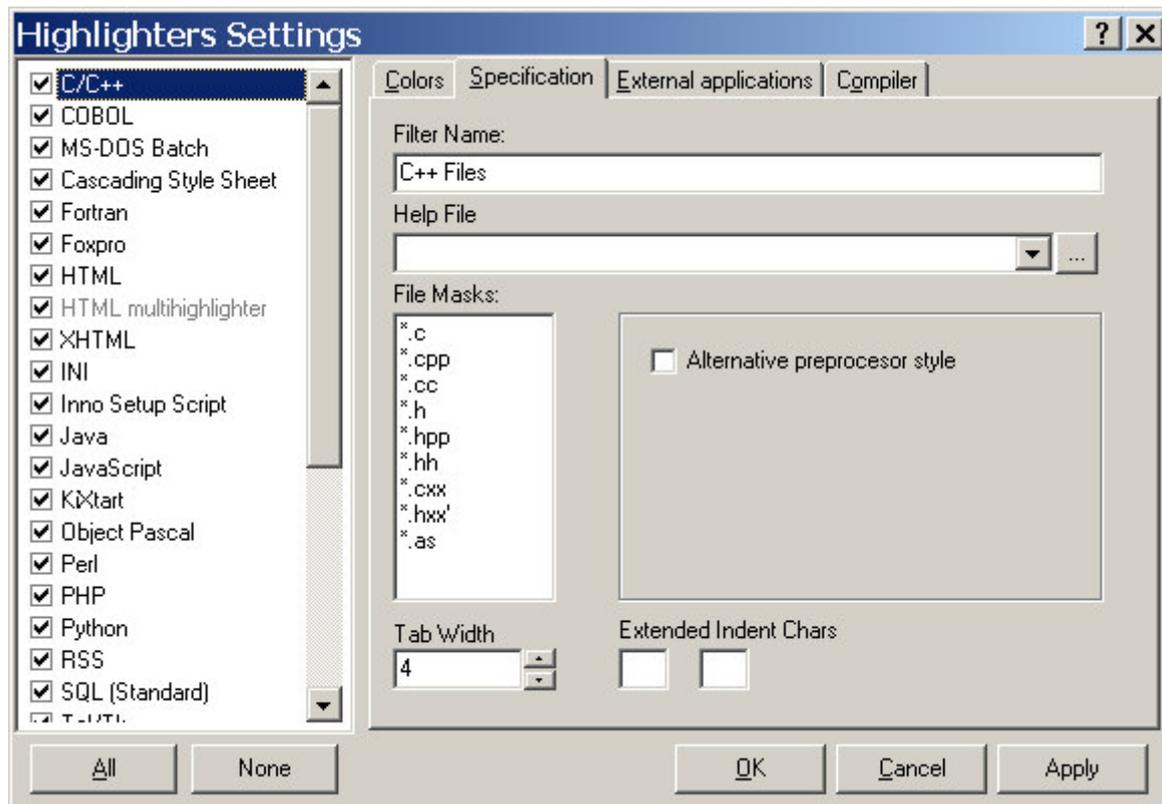
You can change PSPad’s language setting using the menu item <Settings><Program Settings...><Language>.

## **6 Adjust PSPad’s Highlighter settings**

Start PSPad and select <Settings><Highlighters Settings...>

The following dialog will appear. Select the C/C++ entry in the list of the left hand side side of the window and select the ‘**Specification**’ tab on the right.

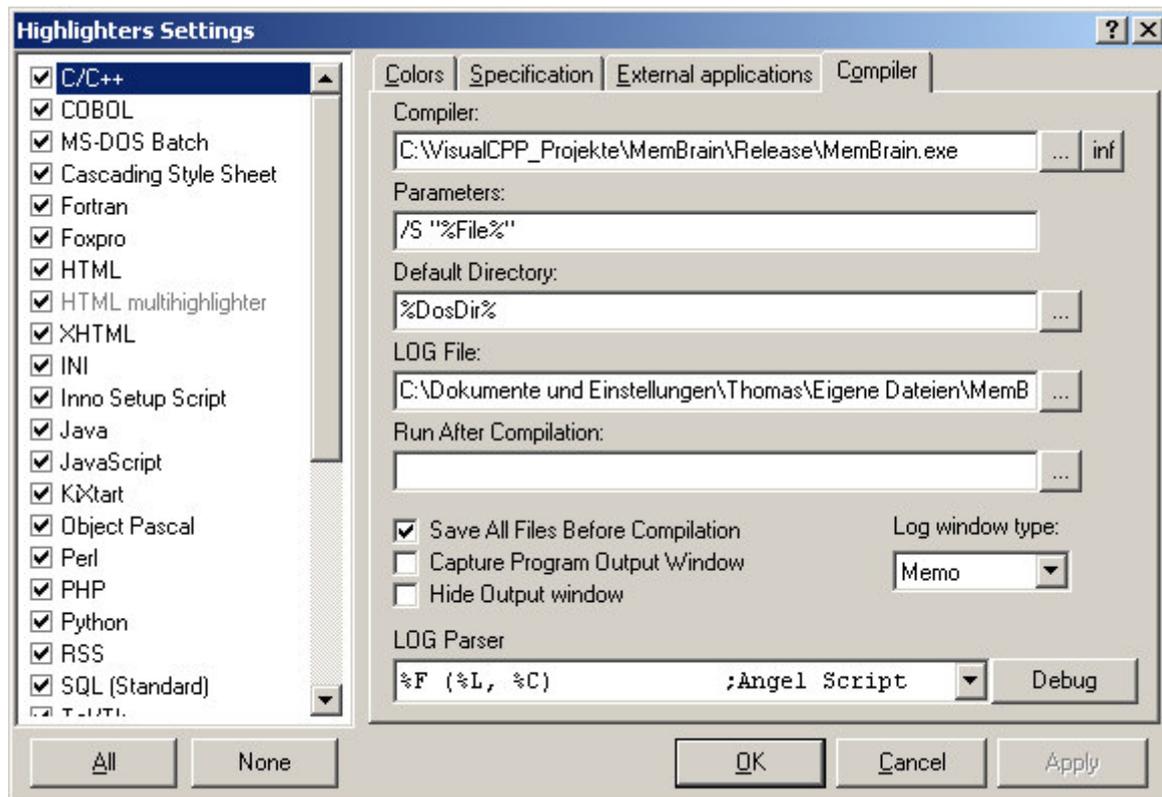
Add the entry ‘\*.as’ to the list of ‘**File Masks**’ as shown in the screen shot.



Now select the tab 'Compiler' and enter some settings here (see next screen shot):

- Field 'Compiler'
  - Click on the '...' button next to the edit field, browse to your MemBrain installation directory and select the file **MemBrain.exe**.
- Field 'Parameters'
  - Enter the text `/S "%File%"` here.
- Field 'Default Directory'
  - Enter the text `%DosDir%` here.
- Field 'LOG File'
  - Click on the browse button on the right side of the field. Navigate to the directory you adjusted in MemBrain during chapter 2 (MemBrain's remote scripting path) and select the file **scrend.txt**. as the log file.
- Set a checkmark in the box 'Save All Files Before Compilation'
- Field 'LOG Parser'
  - Enter the text `%F (%L, %C) ; Angel Script`
- Drop down menu 'Log window type'
  - Select '**Memo**'

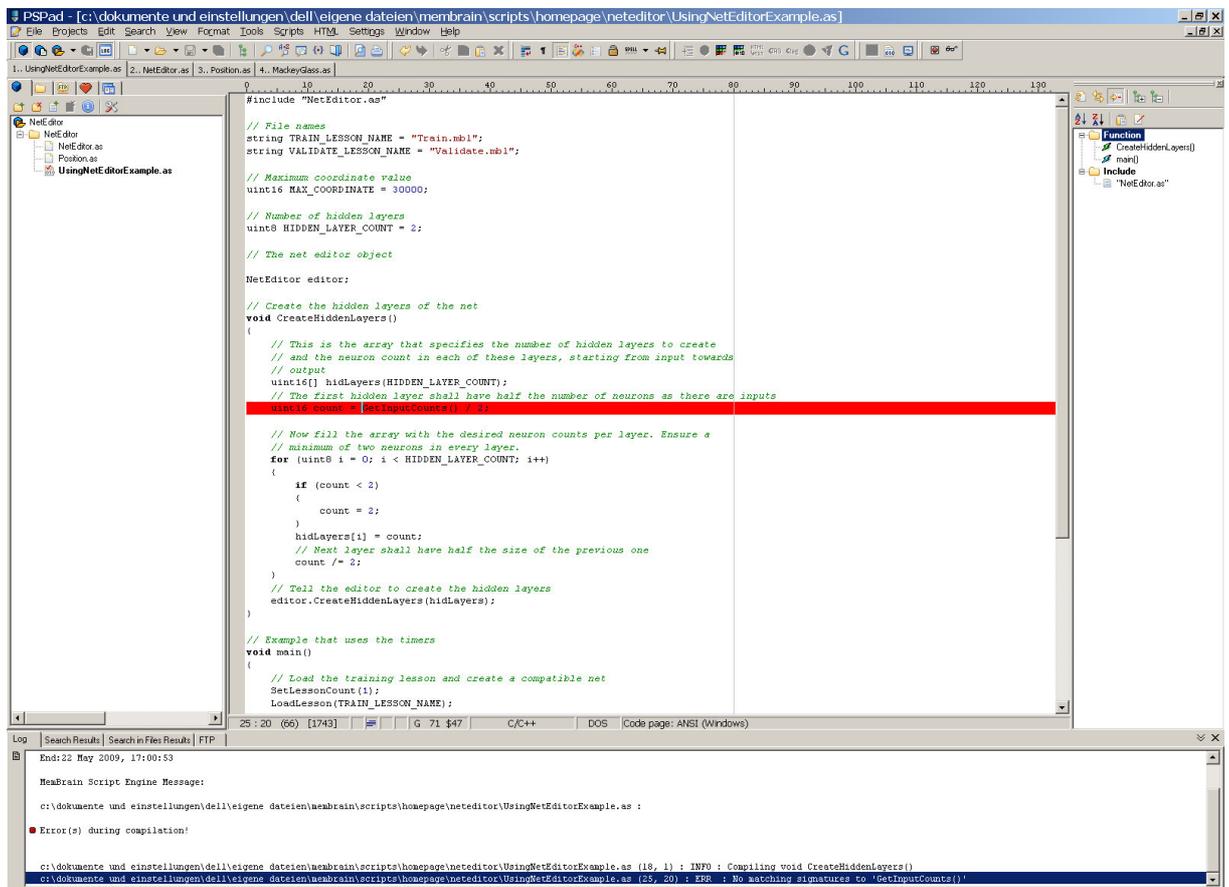
Click OK in the dialog



## 7 Finalize and test setup

- Close PSPad.
- Close MemBrain
- Adjust your Windows configuration so that PSPad is the default application for opening \*.as files (recommended).
- Navigate to a MemBrain script file (\*.as) using Windows Explorer and double click on it. It should open up in PSPad.
- Alternatively you can start PSPad manually and open the script file via PSPads File menu.
- PSPad should now display your script using advanced syntax highlighting.
- Press <Ctrl> + F9 in the PSPad Window
- MemBrain should now start up automatically and try to compile and execute your script.
- If your script can be executed without errors MemBrain will stay active after the script execution. You will have to close MemBrain before you can access PSPad again.
- If your script terminates with an error or if there were errors during compilation then MemBrain will exit automatically and control will be handed back to PSPad. Note that PSPad will display MemBrain's error log in the bottom window and will also automatically navigate to the location of the last error in your script! The corresponding line will be highlighted in red color (see screenshot). If you want to navigate to another error location just select the error message in PSPad's log window and press <Ctrl> + 'V' or select 'View Source' from the context menu.

- Note that PSPad will also automatically open the correct script file for you in case the source of the error lies in a script file that has been added to your main script using the #include directive!



## 8 Additional Hints

### 8.1 PSPad Projects

PSPad also supports to group files together as a 'project' Through this feature it is possible to open all files of MemBrain script project at one shot even if they are distributed over several directories.

### 8.2 Code Explorer Window

PSPad also features a 'Code Explorer Window' that simplifies navigation in scripts by detecting script elements like functions for example.

Enable/Disable the Code Explorer Window using the menu <Tools><Code Explorer Window> in PSPad