

Tutorial- Delphi- Shell Extension- Context Menu- Part 4 (specific files)

Register Context Menu with a particular Extension (.txt)

Out current context menu is shown for any file and any file-type.

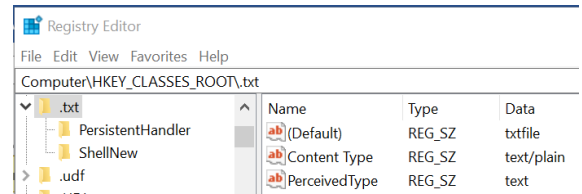
Certain context menus might only make sense if assigned to a

particular file extension. In the Registry we need to set the same key under ShellExt\ContextMenuHandlers. Writing this key

directly under \.txt in the HKEY_CLASSES_ROOT will NOT provide

the effect. Instead we need to identify the type of file, which is the default of the \.txt key. As seen on

the screenshot the type is textfile.



With this in mind we can just need to change the UpdateRegistry procedure to write the correct registry keys when our DLL gets registered, and clean those key when unregistered.

Defining a constant for the file extension (yellow) keeps the code flexible. With the greed code we read the filetype and use it to set the registry values to link to our class.

```

procedure TMyShellExt_Factory.UpdateRegistry (Register: Boolean);
const
  registerFileExtension = '.txt'; // specify the extension for the context menu
var
  Reg: TRegistry;
  fileType: string;
begin
  inherited UpdateRegistry (Register);
  Reg := TRegistry.Create;
  Reg.RootKey := HKEY_CLASSES_ROOT;
  Reg.OpenKey('\ ' + registerFileExtension, false);
  fileType := ' ' + Reg.ReadString(' '); // the default value links to the
fileType
  try
    if Register then
      if Reg.OpenKey(fileType + '\ShellEx\ContextMenuHandlers\MyShellExt', True) then
        Reg.WriteString('', GUIDToString(Class_MyShellExt));
    if not Register then
      if Reg.OpenKey (fileType + '\ShellEx\ContextMenuHandlers\MyShellExt', False) then
        Reg.DeleteKey(fileType + '\ShellEx\ContextMenuHandlers\MyShellExt');
  finally
    Reg.CloseKey;
    Reg.Free;
  end;
end;

```

That's all. Try it.