
Subject: Bug in CppBuilder module - SourceToObjName()

Posted by [mdelfede](#) on Tue, 08 Feb 2022 15:40:08 GMT

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Using import.ext, with source files one level UP from package's one brings truncation to ObjName :

```
package:FoundationClasses
srcfile:/home/massimo/sources_TOOLS/UppOpenCascade2/_OCC_/OS D/OSD_File.cxx
srcfile trimmed:/home/massimo/sources_TOOLS/UppOpenCascade2/_OCC_/OS
D/OSD_File.cxx
GetFileFolder(PackagePath(package)):/home/massimo/sources_TO
OLS/UppOpenCascade2/FoundationClasses
q:62
r:.cxx
```

objname is returned as

```
'cxx'
```

it should be something like

```
'_home_massimo_sources_TOOLS_UppOpenCascade2__OCC__OSD__OSD_F ile.cxx'
```

or, maybe

```
'_OCC__OSD__OSD_File.cxx'
```

but the latter could be problematic in some corner cases

Subject: Re: Bug in CppBuilder module - SourceToObjName()

Posted by [mdelfede](#) on Tue, 08 Feb 2022 15:45:59 GMT

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I'd suggest to replace it with this one...

```
String SourceToObjName(const String& package, const String& srcfile_)
{
    String srcfile = srcfile_;
    srcfile.TrimEnd(".cpp");
    srcfile.TrimStart(GetFileFolder(PackagePath(package)));
    String r;
    for(const char *s = ~srcfile; *s; s++)
        r.Cat(findarg(*s, '/', '\\') >= 0 ? '_' : *s);
    return r;
}
```
