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_TOOLS/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;
}
```