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Subject: Re: Disable Assits++ scan on certain files  
Posted by [Didier](#) on Sat, 31 Aug 2019 22:20:11 GMT  
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Well I finally found some time to look into this problem and actually found something that works.

Code is just a first quick try, but before going further I would like to share it first and have some return on it.

\* in uppsrc/CppBase/CppBase.h

```
const char *SkipString(const char *s);

void RemoveComments(String& l, bool& incomment);
void RemoveDirectives(String& l, bool& inDirective); // ===== ADDED THIS LINE
=====
```

```
String GetStdDefs();
```

\* in uppsrc/CppBase/ppFile.cpp  
Added the following function:

```
void RemoveDirectives(String& l, bool& inDirective)
{
    int q = -1;
    int w = -1;
    if(inDirective)
        q = w = 0;
    else {
        const char *s = l;
        while(*s) {
            if(*s == '\\')
                s = SkipString(s);
            else
                if(s[0] == '/' && s[1] == '/' && s[2] == '$' && s[3] == '-') {
                    q = int(s - ~l);
                    break;
                }
            else
                s++;
        }
        if(q >= 0)
            w = q + 4;
    }
    while(q >= 0) {
        int eq = l.Find("//$+", w);
```

```

if(eq < 0) {
    inDirective = true;
    SetSpaces(l, q, l.GetCount() - q);
    return;
}
SetSpaces(l, q, eq + 4 - q);
inDirective = false;
q = l.Find("//$+");
w = q + 4;
}
}

```

\* Modified ppFile::parse() method

```

void PPFile::Parse(Stream& in)
{
    LTIMING("PPFile::Parse");
    for(int i = 0; i < ppmacro.GetCount(); i++)
        sAllMacros.Unlink(ppmacro[i]);
    ppmacro.Clear();
    item.Clear();
    includes.Clear();
    bool was_using = false;
    bool was_namespace = false;
    int level = 0;
    bool incomment = false;
    bool inDirective = false;    ===== line added =====
    Vector<int> namespace_block;
    bool next_segment = true;
    Index<int> local_segments;
    keywords.Clear();
    int linei = 0;
    Md5Stream md5;
    while(!in.IsEof()) {
        String l = in.GetLine();
        while(*l.Last() == '\\' && !in.IsEof()) {
            l.Trim(l.GetLength() - 1);
            l.Cat(in.GetLine());
        }
        RemoveDirectives(l, inDirective);    ===== line added =====
        RemoveComments(l, incomment);
        try {
            CParser p(l);

```