
Subject: Re: StreamCypher

Posted by [mirek](#) on Fri, 26 Mar 2021 15:04:24 GMT

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Novo wrote on Sun, 21 March 2021 06:30Linux, Clang:

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:85:9: error: definition or redeclaration of 'String' not allowed inside a
function
```

```
    Snow2 S(key);
    ^~~~~~
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/Functions4U/Functions4U/Functions4U.h:10
13:19: note: expanded from macro 'S'
```

```
#define S(y)  Upp::String(y)
    ^~~~~~^
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:85:9: error: no member named 'String' in namespace 'Upp'
```

```
    Snow2 S(key);
    ^~~~~~
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/Functions4U/Functions4U/Functions4U.h:10
13:19: note: expanded from macro 'S'
```

```
#define S(y)  Upp::String(y)
    ^~~~~~^
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:89:8: error: use of undeclared identifier 'S'
```

```
    d = S.Encode(s);
    ^
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:99:5: error: must use 'class' tag to refer to type 'String' in this scope
```

```
    String ss = s.Left(rnd);
    ^
    class
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:85:9: note: class 'String' is hidden by a non-type declaration of 'String'
here
```

```
    Snow2 S(key);
    ^
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/Functions4U/Functions4U/Functions4U.h:10
13:19: note: expanded from macro 'S'
```

```
#define S(y)  Upp::String(y)
    ^~~~~~^
```

```
/home/buildbot/worker/l-upphub-StreamCypher/build/StreamCypher/examples/StreamCypherTest/
StreamCypherTest.cpp:102:10: error: use of undeclared identifier 'S'
```

```
    d += S.Encode(ss);
    ^
```

Yeah, because it is a superb idea to do (in Functions4U.h)

```
#define S(y) String(u)
```

```
....
```

Deleting that fixed the issue
