
Subject: Re: How to serialize a new data type
Posted by [Oblivion](#) on Wed, 23 Oct 2019 11:46:26 GMT
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Hello Koldo,

On Linux with GCC I get the same error. The problem seems to be namespace.
Try this one:

```
#include <Core/Core.h>

namespace Upp { // <--

template<class T>
void Jsonize(JsonIO& io, std::complex<T>& var)
{
    T re, im;
    if (io.IsStoring()) {
        re = var.real();
        im = var.imag();
    }
    io("re", re)("im", im);
    if (io.IsLoading()) {
        var.real(re);
        var.imag(im);
    }
}
}

using namespace Upp;

struct Demo {
    std::complex<double> val;
    void Jsonize(JsonIO& io)
    {
        io("val", val);
    }
};

CONSOLE_APP_MAIN
{
    Demo demo;
    demo.val = std::complex<double>(1, 2);
    StoreAsJsonFile(demo, "filename.json");
}
```

This works on GCC and CLANG (on Linux).

Best regards,
Oblivion
