
Subject: How to serialize a new data type

Posted by [koldo](#) on Wed, 23 Oct 2019 08:58:10 GMT

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I am lost. This sample to serialize a `std::complex` compiles in MSVC but gets this error with MinGW:

```
error: 'struct std::complex<double>' has no member named 'Jsonize'  
#include <Core/Core.h>
```

```
using 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);  
    }  
}
```

```
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");  
}
```
