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Subject: Crash on LoadFromFile

Posted by [Mindtraveller](#) on Mon, 01 Oct 2007 01:54:39 GMT

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Proceeding with U++ usage led me to another strange moment, which I couldn't solve with docs&forum search.

Loading config in a closest to examples manner, crashes application with assert in debug mode:

May be I'm doing something wrong, but I don't see any difference between my code and docs-how-it's-done-right:

```
#define CONFIG_FILE "config."
```

```
struct Config
```

```
{  
    wxBaud  baud;  
    wxParity parity;  
    int     com;  
    int     wordlen;  
    int     stopbits;  
    int     addr;
```

```
void Serialize(Stream& s)
```

```
{  
    s.Put(&baud, sizeof(baud));  
    s.Put(&parity, sizeof(parity));  
    s % com % wordlen % stopbits % addr;  
}  
};
```

```
Config config;
```

```
void Kran::LoadAndInit()
```

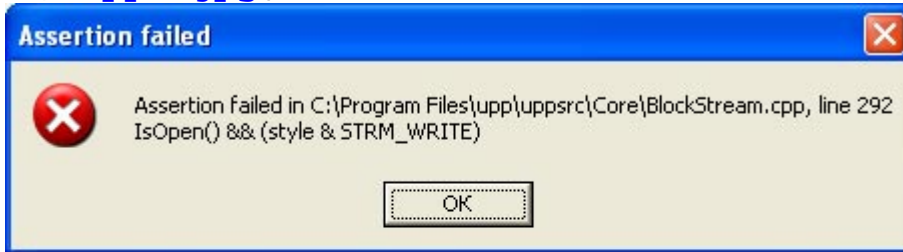
```
{  
    if (!LoadFromFile(config, ConfigFile(CONFIG_FILE)))  
    {  
        config.baud    = wxBAUD_38400;  
        config.com     = 1;  
        config.parity  = wxPARITY_NONE;  
        config.wordlen = 8;  
        config.stopbits = 1;  
        config.addr    = 1;  
    }  
}
```

This code causes assertion in LoadFromFile.

Could you please help with this?

## File Attachments

1) [upp2.jpg](#), downloaded 792 times



```
void Kran::LoadAndInit()
{
    if (!LoadFromFile(config, ConfigFile(CONFIG_FILE)))
    {
        config.baud = wxBAUD_38400;
    }
}
```

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Subject: Re: Crash on LoadFromFile

Posted by [mirek](#) on Mon, 01 Oct 2007 07:07:00 GMT

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Mindtraveller wrote on Sun, 30 September 2007 21:54 Proceeding with U++ usage led me to another strange moment, which I couldn't solve with docs&forum search. Loading config in a closest to examples manner, crashes application with assert in debug mode:

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struct Config
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    wxBaud baud;
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void Serialize(Stream& s)
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```
{
    s.Put(&baud, sizeof(baud));
    s.Put(&parity, sizeof(parity));
    s % com % wordlen % stopbits % addr;
}
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```

Config config;

```
void Kran::LoadAndInit()
{
if (!LoadFromFile(config, ConfigFile(CONFIG_FILE)))
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config.com     = 1;
config.parity  = wxPARITY_NONE;
config.wordlen = 8;
config.stopbits = 1;
config.addr    = 1;
}
}
```

This code causes assertion in LoadFromFile.

Could you please help with this?

You cannot Put (in Serialize) when LoadFromFile...

The issue is a little bit complex, but the quick fix is to use SerializeRaw instead of Put (that will provide raw binary load if loading and raw binary write if storing).

Mirek

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Subject: Re: Crash on LoadFromFile  
Posted by [Mindtraveller](#) on Mon, 01 Oct 2007 11:39:15 GMT  
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Finally I've got it, yes, SerializeRaw solved the problem. Looks so easy when it's done. Certainly, need to get used to U++.  
Thanx again.

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