

CW2Dymola - Bug #79

CW2Dymola driver nelze pridat mezi ovladace CW 6.

17 April 2012 15:39 - Tomáš Kulháněk

Status:	Resolved	Start date:	17 April 2012
Priority:	Normal	Due date:	
Assignee:	Tomáš Kulháněk	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	10.00 hours
Description			
CW2Dymola driver nelze pridat mezi ovladace CW 6 pres Nastroje -> Konfigurace ovladacu -> Pridat -> ... vybrano DLL. -> objevi se dialog "Nelze zavest DLL"			
1. vyzkousena verze ovladace zkompilovano s volbou "Character Set": MULTI-BYTE			
2. vyzkousena verze ovladace zkompilovano s volbou "Character Set": UNICODE			
prilozen soubor cw2dymoladriver se zdrojovymi kody ovladace - CW2DymolaDriver.cpp			

History

#1 - 17 April 2012 15:46 - Tomáš Kulháněk

Control Web 6.1 SP8 UNICODE

platforma: Windows 2008 R2, SP1, Intel XEON (4 CPU)

6 GB RAM

(full virtualization on XEN 3.2)

#2 - 18 April 2012 14:19 - Tomáš Kulháněk

On 04/18/2012 01:40 PM, Mirek Zálešák wrote:

Vaše knihovna CW2DymolaDriver.dll nevyvází žádné symboly. Měla by vyvázat symboly, které CW očekává od ovladačů:

BufferInfo

Check

DisposeDriver

Done

DriverProc

GetDriverInfo

GetInput

Init

InputFinalized

InputRequest

InputRequestCompleted

MakeDriver

OutputFinalized

OutputRequest

OutputRequestCompleted

QueryProc

SetBufferAddr

Version

#3 - 18 April 2012 14:24 - Tomáš Kulháněk

- File *cw2dymoladriver.dll* added

opraven kompilovani a explicitne deklarovano makro

```
#define DLLEXPORT __declspec( dllexport )
```

pred kazdou funkci, jejiz symbol ma byt dostupny v DLL volano toto makro.

..

```
DLLEXPORT unsigned Version(void);
```

..

Nove zkompilovane DLL uz ma exportovane symboly - aspon podle DLL Export Viewer.

Nicmene toto nove DLL opet nelze pridat mezi ovladace CW.

#4 - 18 April 2012 14:28 - Tomáš Kulháněk

- % Done changed from 0 to 30

#5 - 18 April 2012 14:46 - Tomáš Kulháněk

- File *cw2dymoladriver.zip* added

#6 - 18 April 2012 14:46 - Tomáš Kulháněk

- File *deleted (cw2dymoladriver.zip)*

#7 - 19 April 2012 10:26 - Tomáš Kulháněk

- Status changed from New to Resolved

- % Done changed from 30 to 100

- funkce driveru musí být v C notaci volání (použití **extern "C" {}** a **_cdecl**)

```
#ifdef __cplusplus
```

```
extern "C" {
```

```
#endif
```

```
DLLEXPORT unsigned __cdecl Version();
```

```
...
```

```
#ifdef __cplusplus
```

```
}
```

```
#endif
```

- navíc všechny exportované symboly musí být explicitně deklarované (**_declspec (dllexport)**)

```
#define DLLEXPORT __declspec( dllexport )
```

```
#define DLLEXPORTVOID DLLEXPORT void __cdecl
```

```
...
```

```
DLLEXPORTVOID GetDriverInfo(unsigned szDriverName, char *DriverName);
```

```
...
```

```
DLLEXPORTVOID DisposeDriver(HANDLE hDriver);
```

```
...
```

- závislé DLL (dymosim.dll a libdsdll.dll) ve stejném adresáři jako cw2dymoladriver.dll

#8 - 04 July 2012 10:27 - Tomáš Kulháněk

- *Project changed from Physioserver to CW2Dymola*
- *Category deleted (Podpůrná infrastruktura)*
- *Target version deleted (prototyp s control-webem)*

Files

cw2dymoladriver.dll	88 KB	18 April 2012	Tomáš Kulháněk
cw2dymoladriver.zip	1.38 MB	18 April 2012	Tomáš Kulháněk