



Topic: How to use UniDAQ DLL in a MATLAB environment.

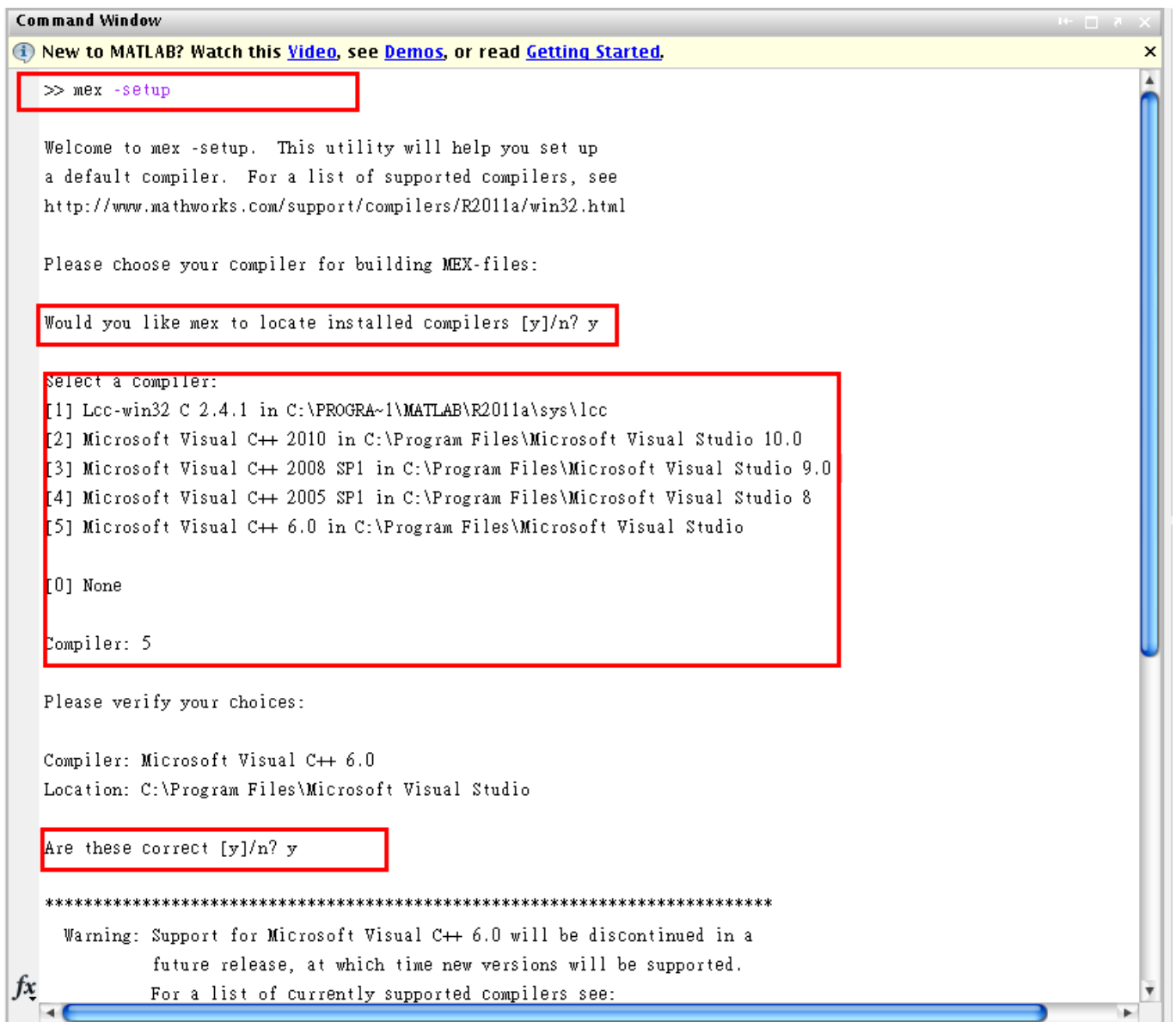
1. Install the general driver -UniDAQ for the ICP DAS I/O Card.

Driver Download page:

<http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/unidag/dll/driver/>

2. Set up a default compiler in the MATLAB environment

In the MATLAB “Command Window” , enter the COMMAND “**Mex -setup**” to set up a default compiler.





### 3. Using the UniDAQ DLL

- (1) Copy the UniDAQ.h header file to the script folder.
- (2) Add the code below to the first line of your m-file script to load the UniDAQ DLL.

```
loadlibrary('UniDAQ.dll','UniDAQ.h'); %Load UniDAQ DLL
```

### 4. Sample code (m-file)

- (1) You can use the below code to inquire the API functions for UniDAQ.

```
libfunctions UniDAQ -full %List the UniDAQ DLL Functions
```

- (2) The download page for ICP DAS I/O Card MATLAB sample code is:  
<http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/unidaq/matlab>

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