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Support - Infinity USB Unlimited

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How to - Use the commandline interface

A commandline interface was implemented in the software for Infinity USB Unlimited starting from version 2.61.

The commandline interface makes it possible to enable VCP / Phoenix mode, and will be extended as demands grow.

In the current version the following switches are available:

-enablevcp	Enables phoenix mode and creates a virtual COM port (VCP), must be used with the -createcom command.
-createcom:X	(X = 1 to 255) - Specifies the port number to create.
-name:name	Name of the programmer to use, in a multi programmer invironment. Each programmer must have been named before use. Uses default programmer if -name is left out.
-frq:frequency	(3.58 3.68 6.00 Any frequency between 0.8 to 25MHz) - Chooses frequency. Defaults to 3.579 if left out.
-boost:frq multiplier	(1.00 to 3.00) - Chooses frequency-multiplier for transparent boost. Defaults to 1.00 if left out.
-polarity:resetpolarity	(phoenix smartmouse) - Chooses resetpolarity. Defaults to phoenix if left out.
-3v	Sets card powersupply = 3.3V. Defaults to 5.0V if left out.
-profile:profilename	Specifies which VCP profile to use. For a list of valid profiles refer to the Enable VCP window of the Infinity USB Unlimited software. Defaults to Default profile if left out.
-disablevcp	Disables VCP mode and exits the application.

Examples

Enables phoenix mode 3.579Mhz and creates COM4:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp
-createcom:4
```

Enables phoenix mode 3.58Mhz, boostfactor 1.25 (total frequency 4.475MHz) and creates COM4:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp
-createcom:4 -frq:3.58 -boost:1.25
```

Enables phoenix mode 6.00Mhz and creates COM5:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp
-createcom:5 -frq:6.00
```

Enables smartmouse mode 6.00Mhz and creates COM4:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp
-createcom:4 -frq:6.00 -polarity:smartmouse
```

Enables phoenix mode 3.579Mhz on the programmer named Infinity 1 and creates COM4:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp
```

```
-createcom:4 -name:"Infinity 1"
```

Enables phoenix mode 6.00Mhz and creates COM5 with the default VCP profile:

```
"c:\program files\infinity usb unlimited\infusb.exe" -enablevcp  
-createcom:5 -frq:6.00 profile:Default
```

Disables VCP mode of all active Infinity USB Unlimited:

```
"c:\program files\infinity usb unlimited\infusb.exe" -  
disablevcp
```

Error codes

The application returns the following error codes upon error:

4: Syntax error (Check the parameters for errors).

5: The specified programmer could not be found (Connect an Infinity USB Unlimited, or make sure you have specified the right -name value).

14: Could not create VCP (Make sure you have not specified a COM port which is already in use).

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