

“EchoCon” ConPTY Sample App

This is a very simple sample application that illustrates how to use the new Win32 Pseudo Console (ConPTY) by:

1. Creating an input and an output pipe
2. Calling `CreatePseudoConsole()` to create a ConPTY instance attached to the other end of the pipes
3. Spawning an instance of `ping.exe` connected to the ConPTY
4. Running a thread that listens for output from `ping.exe`, writing received text to the Console

Pre-Requirements

To build and run this sample, you must install: * Windows 10 Insider build 17733 or later * Latest Windows 10 Insider SDK

Running the sample

Once successfully built, running EchoCon should clear the screen and display the results of the echo command:

```
Pinging Rincewind [::1] with 32 bytes of data:
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms
```

```
Ping statistics for ::1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Resources

For more information on the new Pseudo Console infrastructure and API, please review this [blog post](#)