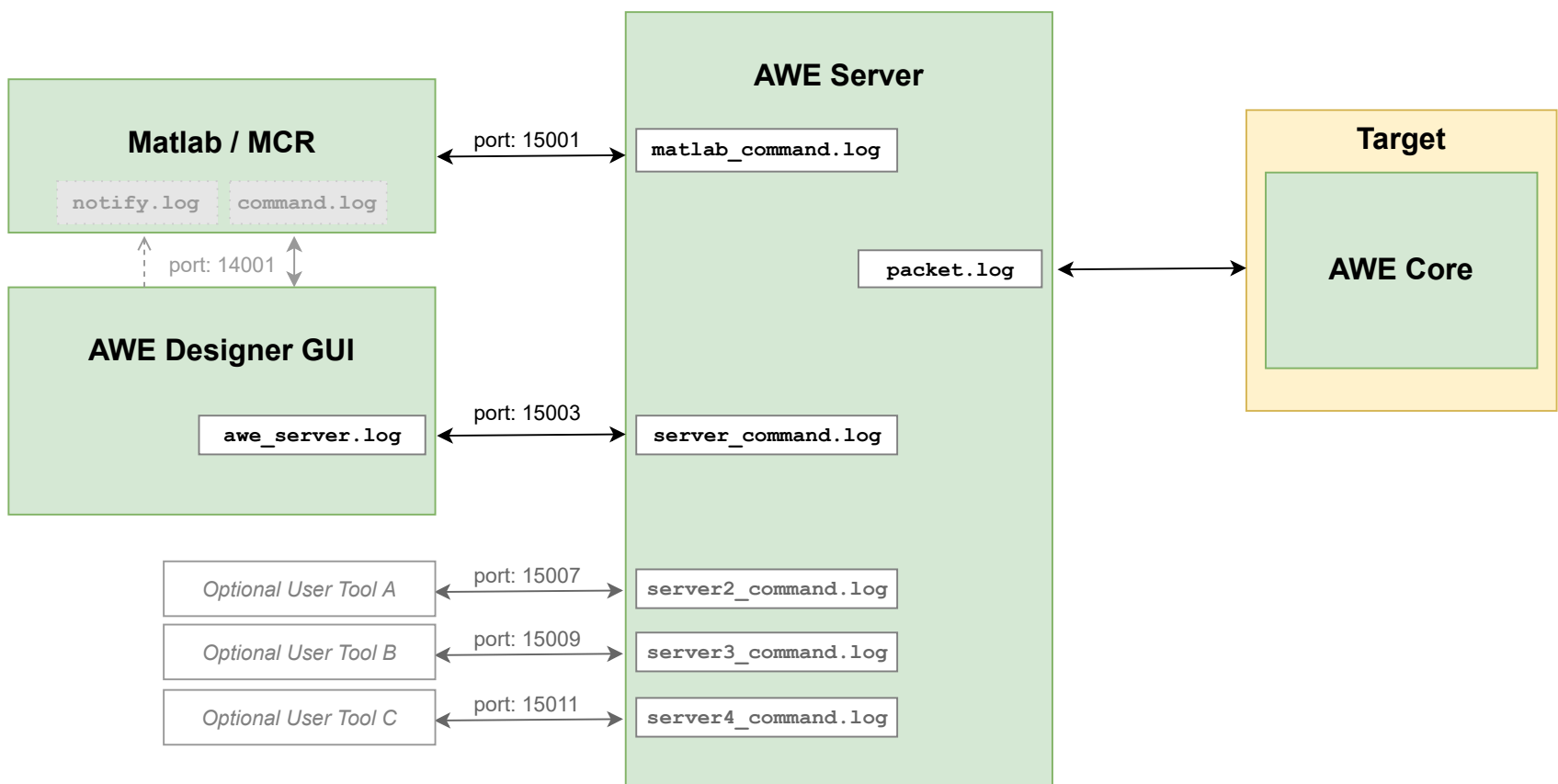


Audio Weaver logging



Log Name	Log Description	Log File Location	awe_server.ini key
<code>matlab_command.log</code>	Text-based ("AWS") commands/replies between Matlab and AWE Server. Commands from Matlab are (RX) and replies to Matlab are (TX) Example: 2018/10/30 15:45:53.734 RX 0:audio_pump,"bell.wav" 2018/10/30 15:45:54.365 TX 0:success,48000	Current Session Log: Bin\win32-vc100-rel\logs\matlab_command.log Archived Logs: Bin\win32-vc100-rel\logs\<date>\<date>_matlab_command.log	[Logging] Enable=1 MatlabLog=1
<code>packet.log</code>	Binary ("AWB") packets/replies between AWE Server and AWE Core. These packets can be sent over USB, UART, TCP/IP, or SPI Example: 2018/10/30 12:18:20.011 TX 00020019 00020019 2018/10/30 12:18:20.011 RX 000c0000 00000000 00000001 beef0001	Current Session Log: Bin\win32-vc100-rel\logs\packet.log Archived Logs: Bin\win32-vc100-rel\logs\<date>\<date>_packet.log	[Logging] Enable=1 PacketLog=1
<code>awe_server.log</code>	Connection between Designer GUI and AWE Server for real-time streaming of inspector data(e.g. updating meters and sinks). This log is only created when the connection is being utilized. The same socket is used by server_command.log. Example: 2018/10/31 11:20:37.855 TX 0,poll_get_value,Meter1.value[0] 2018/10/31 11:20:37.855 RX success,38925,float,0.0494126565754	Current Session Log: Bin\Assets\logs\aweserver.log Archived Logs: Bin\Assets\logs\<date>\<date>_aweserver.log	[Logging] Enable=1
<code>server_command.log</code>	Direct connection between DesignerGUI and AWE Server from the perspective of AWE Server. This is essentially logging the same things as awe_server.log but from the perspective of AWE Server and with some things filtered out. Note that this log is only created when the connection is being utilized. The same socket is used by awe_server.log Example: 2018/10/31 11:35:05.034 RX 0:connect,localhost,15003 2018/10/31 11:35:05.034 TX 0:success,localhost,15003	Current Session Log: Bin\win32-vc100-rel\logs\server_command.log Archived Logs: Bin\win32-vc100-rel\logs\<date>\<date>_server_command.log	[Logging] Enable=1 CommandLog=1
(optional) <code>server_command2.log</code> <code>server_command3.log</code> <code>server_command4.log</code>	AWE Server allows external applications (e.g. a python script) to send text-based ("AWS") tuning commands to AWE Core via TCP/IP ports 15007, 15009, and 15011. Note that this log is only created when the connections are being utilized. Example: 2018/10/31 11:35:05.034 RX 0:connect,localhost,15003 2018/10/31 11:35:05.034 TX 0:success,localhost,15003	Current Session Log: Bin\win32-vc100-rel\logs\server<N>_command.log Archived Logs: Bin\win32-vc100-rel\logs\<date>\<date>_server<N>_command.log	[Logging] Enable=1 Server2Log=1 Server3Log=1 Server4Log=1

Note: The following logs capture internal exchanges between AWE Designer components during normal operation. These logs are typically only useful to DSP Concepts' developers doing feature development and bug fixing. They are always enabled.

Log Name	Log Description	Log File Location
<code>command.log</code>	Commands sent from Matlab to Designer GUI. Response is success/failure and/or returned values on queries. Commands from Designer GUI are (RX) and replies from Matlab are (TX) Example 1 (no query): 2018/10/16 10:06:46.539 RX DestroyInspector,1,ProgressBar 2018/10/16 10:06:46.547 TX success Example 2 (with query): 2018/10/16 09:37:27.326 RX GetCanvasSize,2,Top 2018/10/16 09:37:27.326 TX success,2,1,70,95	Current Session Log: Bin\Assets\log\command.log Archived Logs: Bin\Assets\log\<date>\<date>_command.log
<code>notify.log</code> (Internal)	Internal notification events sent from DesignerGUI to Matlab (e.g. menu click). These commands do NOT expect a response. The same socket is used for the CommandLog. Example: 2018/10/30 15:38:35.280 OnClickCanvas,1,Top,37,23	Current Session Log: Bin\Assets\log\notify.log Archived Logs: Bin\Assets\log\<date>\<date>_notify.log
<code>general.log</code>	General purpose logging. DesignerGUI Start/Exit, Custom Module errors, etc.	Current Session Log: Bin\Assets\log\general.log Archived Logs: Bin\Assets\log\<date>\<date>_general.log