

GX Diagnostic Settings

1. Introduction

GX.EXE, GXIO.EXE and GLOBAL.EXE contain several diagnostic options that may help to trouble-shoot a variety of problems. This document describes the various diagnostics settings.

2. Client-Side Diagnostics

The diagnostic options in this section are enabled on the "thin client side" of the GX connection in one of the plethora of .INI files.

2.1 GXIO.INI Log Diagnostics

This section describes the various diagnostic settings that may be configured in the GXIO.INI file.

2.1.1 GXIO Display Log Diagnostics

The following option in the [miscellaneous] section of the GXIO.INI file:

LogDisplays=On

will result in the creation of the following log file in the "current GX folder":

DISPLOG.BIN

This file contains a complete record of every character received from the host by the GX.EXE/GXIO.EXE combination.

Astute readers will note the similarity of this setting and the same setting in the GSMWIN32.INI for GSMWIN32.EXE.

2.1.2 GXIO Reply Log Diagnostics

The following option in the [miscellaneous] section of the GXIO.INI file:

LogKeystrokes=On

will result in the creation of the following log file in the "current GX folder":

KEYLOG.BIN

This file contains a complete record of every character received from the keyboard by the GX.EXE/GXIO.EXE combination.

Astute readers will note the similarity of this setting and the same setting in the GSMWIN32.INI for GSMWIN32.EXE.

2.2 GX.INI Log Diagnostics

This section describes the various diagnostic settings that may be configured in the GX.INI file.

Important Note: For GX versions before GX V2.9b these settings are configured in the [general] section of the GX.INI file. For GX V2.9b, and later, these settings are configured in the [diagnostics] section of the GX.INI file.

2.2.1 GX Block Log Diagnostics

The following option in the GX.INI file:

LogBlocks=On

will result in the creation of the following log file in the "current GX folder":

BLOCKLOG n .BIN

(where n is the partition number). This file contains a complete record of every command block received by GX.EXE.

2.2.2 GX Reply Log Diagnostics

The following option in the GX.INI file:

LogReplies=On

will result in the creation of the following log file in the "current GX folder":

REPLYLOG n .BIN

(where n is the partition number). This file contains a complete record of every result block returned by GX.EXE.

2.2.3 GX Window Zero Displays Diagnostics

The following option in the GX.INI file:

LogWindowZeroDisplays=On

will result in the creation of the following log file in the "current GX folder":

W0LOG n .BIN

(where n is the partition number). This file contains a complete record of every character sent to Window Zero for that partition.

2.2.4 Log DDE Input Diagnostics

The following option in the GX.INI file:

LogDDEInput

[this section is under construction]

2.2.5 Log DDE Output Diagnostics

The following option in the GX.INI file:

LogDDEOutput

[this section is under construction]

3. Server-Side Diagnostics

The diagnostic options in this section are enabled on the "server client side" of the GX connection in one of the plethora of registry settings.

3.1 GX Window Zero Displays Diagnostics

[this section is under construction]