

Installation

- [Installation Overview](#)
- [Installation Requirements](#)
- [Installing TIBCO DataSynapse GridServer LogViewer](#)
- [Uninstallation](#)

Installation Overview

This section provides an overview of TIBCO DataSynapse GridServer® LogViewer installation.

Installer

Download DataSynapse GridServer® LogViewer installer file from [TIBCO eDelivery](#).

In the TIBCO eDelivery, on the GridServer® LogViewer download page, select the **Download** option.

You can download GridServer LogViewer, for the version and platform that you want.

The installer wizard guides you through the procedure to install GridServer LogViewer.

Installation Requirements

This section describes the system memory requirements, software requirements, and supported platforms for this product.

Installation requirements

Before installing this product, extract the contents of the installation .zip file to a directory of your choice.

Software Requirement

Ensure that you have .NET version 4.8 and later installed on your machine.

System Memory Requirements

A minimum of 50 MB of physical memory is required.

Supported Platforms

This product can be installed on Windows 64-bit operating systems.

Installing TIBCO DataSynapse GridServer LogViewer

The process to install DataSynapse GridServer® LogViewer is very simple. You have to download GridServer LogViewer installer file from the TIBCO edelivery website.

Prerequisites

You must have .NET version 4.8 and later installed on your machine.

Procedure

1. Go to the folder where you have downloaded GridServer LogViewer installer.
2. Extract GridServer LogViewer product archive file to a temporary directory and then navigate to that directory.
3. To run `GridLogViewerInstaller` executable, double-click the installer file.
4. Review the information on the Welcome screen and click **Next**.
5. To install GridServer LogViewer in the folder other than the default folder, click **Browse**.

Note: The default installation folder is `TIBCO_HOME`.

Typically `TIBCO_HOME` is `c:\TIBCO`.

6. To check the available disk space, click **Disk Cost**.
7. To restrict the access to GridServer LogViewer to yourself, select **Just me**. Else, select **Everyone** and click **Next**.
8. To start the installation, click **Next**.
9. To exit from the installer, when the installation is complete, click **Close**.

Result

GridServer LogViewer is installed on the path that you provided and a shortcut to that path is created on your Desktop.

Uninstallation

To uninstall GridServer LogViewer, perform the following steps:

1. Go to the installer folder and right-click GridServer LogViewer icon.
2. Next, select Uninstall.
3. In the **Windows Installer** dialog, select Yes. The product is uninstalled and all the related files are deleted.

User Guide

- TIBCO DataSynapse GridServer LogViewer Overview
- Working with TIBCO DataSynapse GridServer LogViewer
 - Selecting a Property File
 - Selecting Demo Properties File
 - Selecting Instrumentation File
 - Creating a Property File
 - Editing a Property File
 - Editing Using Text Editor
 - Editing Using Property Editor
 - Selecting the Log View
 - Searching the Logs
 - Searching the Logs by TaskID
 - Searching the Logs by JobID
 - Applying Filters
 - Adding Multiple Brokers

TIBCO DataSynapse GridServer LogViewer Overview

TIBCO DataSynapse GridServer® LogViewer is a user-friendly tool that you can use to view complex logs. DataSynapse GridServer® LogViewer monitors the logs of Grid components such as the Broker, Director, Driver, Daemon, or the Engine.

Working with TIBCO DataSynapse GridServer LogViewer

After you have installed GridServer® LogViewer, you can perform the following tasks:

- Select a property file and analyze the logs
- Create a property file to analyze the logs

- Edit a property file
- Select a Log View
- Search logs
- Apply Filters
- Adding Multiple Brokers

Selecting a Property File

You have to select a property file where GridServer LogViewer finds the log files to analyze the logs. The path for the different components of the log files is configured while creating the property file. There can be multiple property files. However, use only one at a time.

After the installation of GridServer LogViewer, the following two types of files can be selected to access the log files:

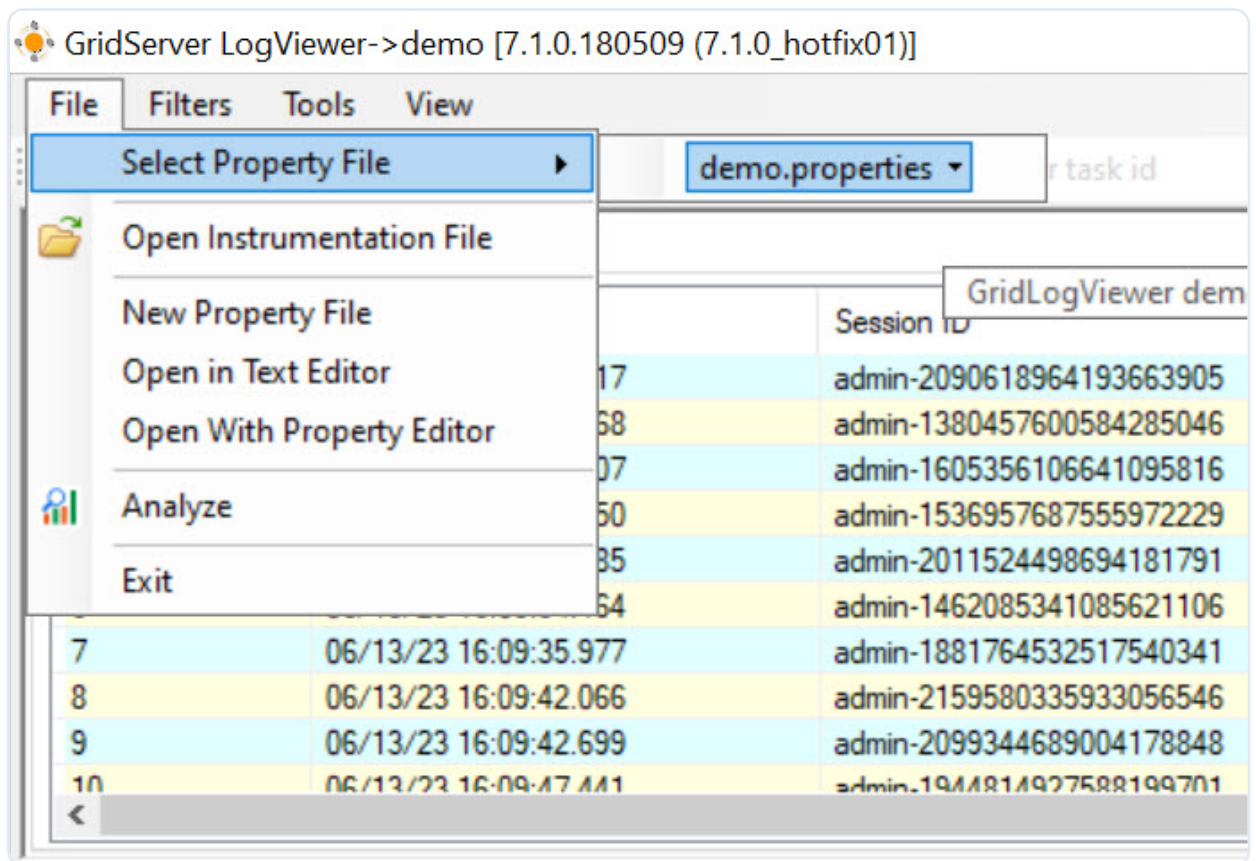
- **demo.properties** file
- **Instrumentation** file

Selecting the Demo Properties File

The `demo.properties` property file is the default property file bundled during the installation of GridServer LogViewer.

Procedure

1. To select the default property file, go to the `File` menu, click **Select property > demo.properties**.



- To analyze the log file, click **Run Analyze**



Driver Jobs

Index	Date Time	Session ID	Job ID
1	06/13/23 16:07:04.717	admin-2090618964193663905	CPP Generic Service-2090618965741042749 (1)
2	06/13/23 16:09:32.668	admin-1380457600584285046	CPP Generic Service-1380457600596505296 (1)
3	06/13/23 16:09:32.707	admin-1605356106641095816	CPP Generic Service-1605356104849871446 (1)
4	06/13/23 16:09:32.950	admin-1536957687555972229	CPP Generic Service-1536957688031103849 (1)
5	06/13/23 16:09:33.285	admin-2011524498694181791	CPP Generic Service-2011524499223356672 (1)
6	06/13/23 16:09:34.464	admin-1462085341085621106	CPP Generic Service-1462085342689034387 (1)
7	06/13/23 16:09:35.977	admin-1881764532517540341	CPP Generic Service-1881764535386206206 (1)
8	06/13/23 16:09:42.066	admin-2159580335933056546	CPP Generic Service-2159580334703155998 (1)
9	06/13/23 16:09:42.699	admin-2099344689004178848	CPP Generic Service-2099344688902060083 (1)
10	06/13/23 16:09:47.441	admin-1944814927588199701	CPP Generic Service-1944814928980327081 (1)
11	06/13/23 16:09:47.463	admin-1838698863862332769	CPP Generic Service-1838698859979940072 (1)
12	06/13/23 16:09:47.479	admin-2126366288074212761	CPP Generic Service-2126366286030665349 (1)
13	06/13/23 16:09:47.479	admin-1962829327273120135	CPP Generic Service-1962829325666419812 (1)
14	06/13/23 16:09:47.479	admin-1204817212975875579	CPP Generic Service-1204817215501537040 (1)
15	06/13/23 16:09:47.479	admin-1714005446773557695	CPP Generic Service-1714005447475770613 (1)
16	06/13/23 16:09:47.479	admin-1624496406154784235	CPP Generic Service-1624496403264351161 (1)
17	06/13/23 16:09:47.494	admin-1494736441193435761	CPP Generic Service-1494736440356859794 (1)
18	06/13/23 16:09:47.494	admin-1478129414715798067	CPP Generic Service-1478129415191692211 (1)
19	06/13/23 16:09:47.510	admin-21947647090146678949 (1)	CPP Generic Service-21947647090146678949 (1)

Host Summary Job On Engine

Index	Host Name	Instances	Tasks
1	na1devdsyji02	12	3535
2	na1devdsyw1...	8	2189
3	na1devdsyw1...	12	1735
4	TIBCO-R9139...	12	1275
Total	4	44	8,734

Driver Tasks

Index	Date Time	Task ID
1	06/13/23 16:09:33.430	CPP Generic Service-1605356104849871446-0
2	06/13/23 16:09:33.485	CPP Generic Service-1605356104849871446-1
3	06/13/23 16:09:34.364	CPP Generic Service-1605356104849871446-2
4	06/13/23 16:09:36.380	CPP Generic Service-1605356104849871446-3
5	06/13/23 16:09:42.699	CPP Generic Service-1605356104849871446-4
6	06/13/23 16:09:47.425	CPP Generic Service-1605356104849871446-5
7	06/13/23 16:09:53.393	CPP Generic Service-1605356104849871446-6
8	06/13/23 16:09:55.941	CPP Generic Service-1605356104849871446-7
9	06/13/23 16:09:58.521	CPP Generic Service-1605356104849871446-8
10	06/13/23 16:10:07.704	CPP Generic Service-1605356104849871446-9
11	06/13/23 16:10:28.531	CPP Generic Service-1605356104849871446-10
12	06/13/23 16:10:28.700	CPP Generic Service-1605356104849871446-11
13	06/13/23 16:10:55.546	CPP Generic Service-1605356104849871446-12
14	06/13/23 16:10:57.921	CPP Generic Service-1605356104849871446-13
15	06/13/23 16:11:00.561	CPP Generic Service-1605356104849871446-14
16	06/13/23 16:11:03.770	CPP Generic Service-1605356104849871446-15
17	06/13/23 16:11:16.073	CPP Generic Service-1605356104849871446-16
18	06/13/23 16:11:39.147	CPP Generic Service-1605356104849871446-17
19	06/13/23 16:11:40.983	CPP Generic Service-1605356104849871446-18
20	06/13/23 16:11:53.283	CPP Generic Service-1605356104849871446-19

Populating Views done Memory: 40 MB. 00:00:03 Version 1.0.0.21

Result

- The selected file displays all the logs with the information such as, Job ID, Session ID, Number of Tasks, Port, Date and Time, Run Time, Completed Time of each Job ID, and Errors.
- The file status in the status bar shows the Memory Usage for loading the log file of each configured component. It also displays the time taken to analyze the log and the version number of GridServer LogViewer.
- At the left pane, Host Summary displays a different Host machine on which the log files are run. It also shows the number of Instances and the number of Tasks of each host.

- At the bottom, as per the selection of the JobID, the details such as **TaskID** , **Status** , **Completed Time** , **Run Time** , and **Download Time** , **Date Time** of each task is displayed.

Note:

- Alternatively, to select a property file, click **Select Property File**



- To run Comprehensive Analyze, click **Comprehensive Analyze**



- For Multiple Brokers, you can select a Broker from the dropdown list and Run Analyze or run Comprehensive Analyze on the selected file.

Selecting the Instrumentation File

The Instrumentation file is an .xml file that is different than the property file. It displays the analyzed logs of a selected log file.

Procedure

- To select the instrumentation file, go to the **File** menu, click **Open Instrumentation file**.
- To view the details of the selected Instrumental file, select the file from the pop-up window.

task ID	Engine Deserial...	Engine Call Service	Engine Serialize O...	Engine Write Out...	Broker Write Output	Driver Serialize In...	Driver Write Input	Driver Send Input	Driver Retrieve O...	Driver Download ...	Driver Deserializ...	Driver Call Comple...	Engine Deserializ...	Engine Load Library	Engine Call Initial...	Driver Serialize In...	Driver Write Insta...
0	1102	3234	0	2	0	0	1	22631	21170	3534	0	16	1102	0	0	0	0
1	1641	13406	0	0	0	0	0	21446	25628	47	0	16	1631	0	0	-1	-1
10	16	4156	0	0	0	0	2	13653	24603	11764	0	323	16	0	16	-1	-1
11	234	45438	0	31	0	0	1	17263	4600	0	0	4	235	0	0	-1	-1
12	578	22931	0	0	0	0	0	8636	3768	1172	0	164	-1	-1	-1	-1	-1
13	0	4234	0	0	0	0	0	236	12223	1172	0	353	0	0	0	-1	-1
14	21	4628	0	1	0	0	0	20771	9146	0	0	17000	31	0	0	-1	-1
15	31	11188	0	0	0	0	0	5498	5386	0	0	6	47	0	0	-1	-1
16	127	12110	0	1	0	0	0	47	22476	789	0	16	84	0	2	-1	-1
17	219	10485	0	0	0	0	0	25612	15247	0	0	4	218	0	0	-1	-1
18	844	22250	0	16	0	0	32	19186	20348	0	0	17375	625	0	0	-1	-1
19	1128	4337	0	0	0	0	0	6783	20348	0	0	14054	1218	0	15	-1	-1
2	600	17363	0	1	0	0	0	21396	31476	1087	0	31	457	1	2	-1	-1
20	453	22983	0	0	0	0	0	17041	15187	1287	0	16	-1	-1	-1	-1	-1
21	1015	14656	0	0	0	0	1	4626	11532	164	0	16	313	0	0	-1	-1
22	1107	8240	0	1	0	0	1	23539	7114	32	0	8189	-1	-1	-1	-1	-1
23	890	11813	0	0	0	0	0	165	7114	1156	0	16139	547	0	0	-1	-1
24	383	8475	0	0	0	0	0	4208	10956	16048	0	11	8	0	2	-1	-1
74	1101	2676	0	12	0	0	0	7797	10466	1793	0	0	1130	0	1	-1	-1

- To view the details of a taskID, select a Task ID, right-click it, and select **Show detail**.

task ID	Engine Deserializ...	Engine Call Service	Engine Serialize O...	Engine Write Out...	Broker Write Output	Driver Serialize In...	Driver Write Input	Driver Send Input	Driver Retrieve O...	Driver Download	Driver Deserialize	Driver Call Comple...	Engine Deserializ...	Engine Load Library	Engine Call Initiali...	Driver Serialize In...	Driver Write Insta...
9	1102	3234	0	2	0	0	1	22531	21170	3534	0	16	1102	0	0	0	0
1	1641	13406	0	0	0	0	0	21446	20508	47	0	16	1031	0	0	-1	-1
10	16	4156	0	0	0	0	2	19653	24603	11764	0	323	15	0	16	-1	-1
11	234	45438	0	31	0	0	1	17263	4800	0	0	4	236	0	0	-1	-1
12	1578	82251	0	19	0	0	0	12578	18123	11172	0	164	13	0	13	-1	-1
13	0	4234	0	0	0	0	0	236	12223	1172	0	353	0	0	0	-1	-1
14	21	4628	0	1	0	0	0	20771	9146	0	0	17000	31	0	0	-1	-1
15	31	11188	0	0	0	0	0	5490	5386	0	0	6	47	0	0	-1	-1
16	187	12110	0	1	0	0	0	47	22476	799	0	16	94	0	2	-1	-1
17	219	10485	0	0	0	0	0	25612	15247	0	0	4	218	0	0	-1	-1
18	944	22250	0	16	0	0	0	19186	20348	0	0	17275	625	0	0	-1	-1
19	1128	4337	0	0	0	0	0	6783	20348	0	0	14054	1218	0	15	-1	-1
2	600	17363	0	1	0	0	0	21396	31476	1087	0	31	457	1	2	-1	-1
20	453	22983	0	0	0	0	0	17041	15187	1287	0	16	-1	-1	-1	-1	-1
21	1015	14556	0	0	0	0	1	4626	11632	164	0	16	313	0	0	-1	-1
22	1107	8240	0	1	0	0	1	23539	7114	32	0	8189	-1	-1	-1	-1	-1
23	890	11813	0	0	0	0	0	165	7114	1158	0	16139	547	0	0	-1	-1
24	383	8475	0	0	0	0	0	4208	10565	16048	0	11	8	0	2	-1	-1
25	1114	5670	0	13	0	0	0	73917	11646	1787	0	0	1130	0	1	-1	-1

Index	Host Name	Instances	Tasks
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

Index	Job ID	Start Time	Phase	Duration
1	1795351716022647677-12	01:12:53.158 PM	Driver Send Input	8636
2	1795351716022647677-12	01:12:53.158 PM	Driver Write Input	0
3	1795351716022647677-12	01:12:53.158 PM	Driver Serialize Input	0
4	1795351716022647677-12	01:13:01.759 PM	Broker Receive Input	0
5	1795351716022647677-12	01:14:41.354 PM	Broker Send Input	0
6	1795351716022647677-12	01:14:41.511 PM	Engine Receive Input	0
7	1795351716022647677-12	01:14:41.511 PM	Engine Deserialize Input	578
8	1795351716022647677-12	01:14:42.089 PM	Engine Call Service	22931
9	1795351716022647677-12	01:15:04.453 PM	Driver Retrieve Output	3768
10	1795351716022647677-12	01:15:05.020 PM	Engine Serialize Output	0
11	1795351716022647677-12	01:15:05.020 PM	Engine Write Output	0
12	1795351716022647677-12	01:15:05.020 PM	Engine Send Output	0
13	1795351716022647677-12	01:15:05.302 PM	Broker Receive Output	0
14	1795351716022647677-12	01:15:05.317 PM	Broker Write Output	0
15	1795351716022647677-12	01:15:05.317 PM	Broker Send Output	0
16	1795351716022647677-12	01:15:08.208 PM	Broker Remove Output	0
17	1795351716022647677-12	01:17:17.921 PM	Driver Download Output	1172
18	1795351716022647677-12	01:17:18.093 PM	Driver Deserialize Output	0
19	1795351716022647677-12	01:23:23.050 PM	Driver Call Completed	164

Result

- The selected instrumentation file displays information such as, **Engine Deserialize Instance**, **Engine Load Library**, **Engine Write Output**, **Broker Write Output** and so on.
- On selecting the **taskID** of an instrumentation file, it shows details such as, **Phase**, **Start Time**, and **Duration** of each phase.

Note:

- The Instrumentation file can be sorted on different parameters such as, **Engine Deserialize Instance**, **Engine Load Library**, **Engine Write Output**, **Broker Write Output**, and so on.
- To sort the file on the required parameter, select the required parameter column.

Creating a Property File

You can create a property file with customized configurations other than the default **demo.properties** file.

Procedure

- Go to the **File** menu and click **New Property File**.
- To configure the Property file, specify the values in the file.

New Property

Save Cancel




Property Name	
Description	
PropertyName	
Comprehensive Analyze Filter	
CompAnalyzeEndDateTime	
CompAnalyzeStartDateTime	
CompAnalyzeTimeInterval	0
Date offset	
BrokerOffset	0
DirectorOffset	0
DriverOffset	0
EngineOffset	0
File Filter	
EndDateTime	
StartDateTime	
Log File Setting	
BrokerLogPath	
DaemonLogPath	
DirectorLogPath	
DriverLogPath	
EngineLogPath	
InstrumentationPath	
Message Filter	
SevereException	False
WarningMessage	True
Search Filter	
SearchEndDateTime	
SearchStartDateTime	
Search Pattern	
BrokerPattern	
DaemonPattern	
DirectorPattern	
DriverPattern	
EnginePattern	

Property File Configuration Parameters

FIELD	SUB-FIELDS	DESCRIPTION
Property Name	Property Name	It specifies the name of the Property file.
Description	It gives the description of the Property file. It is mandatory and saved to the config directory.	

FIELD	SUB-FIELDS	DESCRIPTION
Comprehensive Analyze Filter	CompAnalyzeStartDate Time	It specifies the Start date and time for the Comprehensive Analyze.
CompAnalyzeEndDate Time	It specifies the Start date and time for the Comprehensive Analyze.	
CompAnalyzeTimeInterval	It specifies the time (in seconds) between the Start time and End time of the Comprehensive Analyze.	
Date Offset	Driver Offset	It specifies the offset(in hours) of the Driver log file. For example, if it is -1, one hour is reduced from the Driver log file.
Broker Offset	It specifies the offset (in hours) of the Broker log file. For example, if it is 2, two hours are added in the Broker log file.	
Engine Offset	It specifies the offset (in hours) of the Engine log file. For example, if it is 2, two hours are added in the Engine log file.	
Director Offset	It specifies the offset (in hours) of the Engine log file. For example, if it is 2, two hours are added in the Director log file.	
File Filter	StartDate Time	It specifies the start date and time to parse the log files.

FIELD	SUB-FIELDS	DESCRIPTION
EndDate Time	It specifies the end date and time to parse the log files.	
Log Culture Name and Date Time Format	Log Date Time Format	It specifies the date and time format for the log file.
Log File Setting	DriverLogPath	It specifies the root path of the Driver Log file.
BrokerLogPath	It specifies the root path of the Broker Log file.	
DirectorLogPath	It specifies the root path of the Director Log file.	
DaemonLogPath	It specifies the root path of the Daemon Log file.	
EngineLogPath	It specifies the root path of the Engine Log file.	
InstrumentationPath	It specifies the file path of the Instrumentation Log file.	
Message Filter	Warning Message	It specifies the boolean value, either True or False. If the value is set to True, then the warnings messages without an exception is included in the analyzed result of the log file. Otherwise, the warning messages are ignored.
Severe Exception	It specifies to display only when there is a Severe error or an exception.	
Search Filter	Search StartDate Time	It specifies the start date and time to reanalyze the logs.

FIELD	SUB-FIELDS	DESCRIPTION
Search EndDate Time	It specifies the end date and time to reanalyze the logs.	
Search Pattern	Driver Pattern	It specifies the search pattern in the Driver log file. For example, driver*.log
Broker Pattern	It specifies the search pattern in the Broker log file. For example, gridserver.03.29.2022-*.log	
Engine Pattern	It specifies the search pattern in the Engine log file. For example, engine-*.03.29.2022*.log	
Daemon Pattern	It specifies the search pattern in the Daemon log file. For example, engine*.log	
Director Pattern	It specifies the search pattern in the Director log file. For example, engine*.log	

1. To save the configuration of the Property file, click **Save**.
2. To analyze the logs, click **Run Analyze**



Note: To abort the run, click **Abort Analyze**



Editing a Property File

You can edit a property file to change the configuration. There are two ways to edit an existing property file.

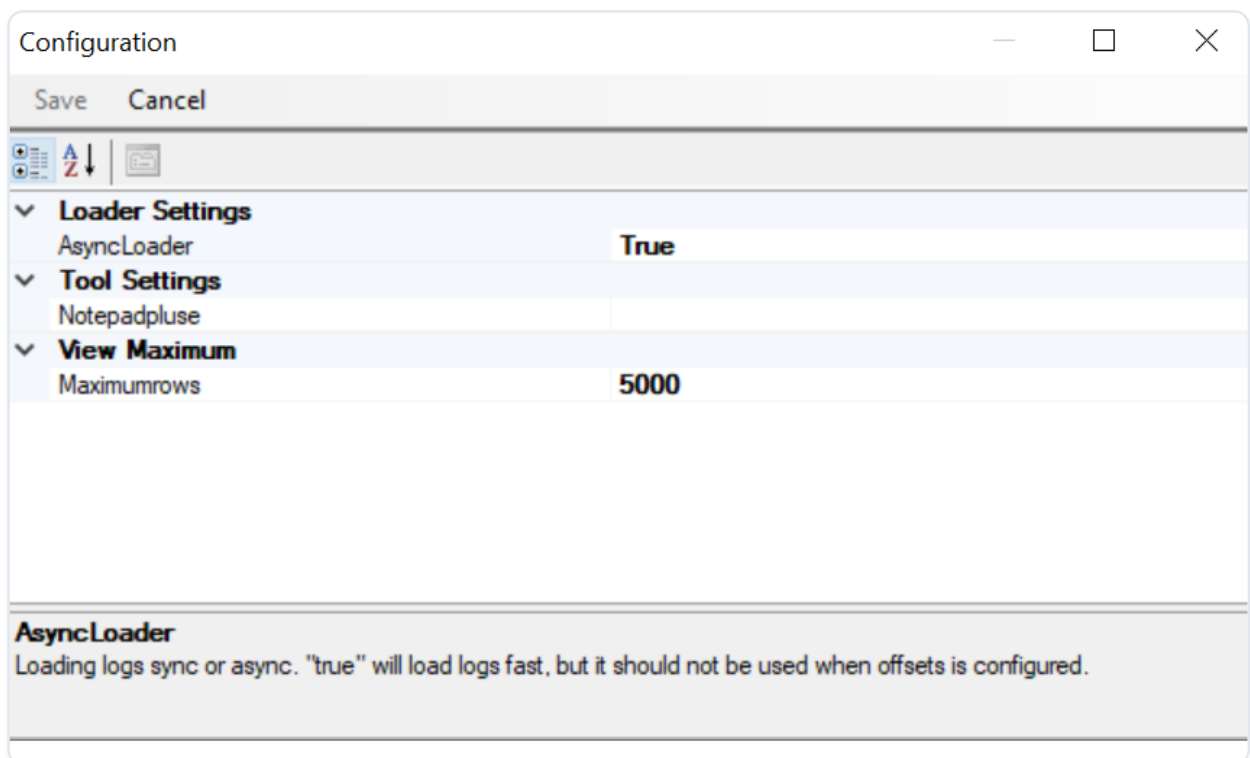
- Using the Text Editor
- Using the Property Editor

Editing Property File Using the Text Editor

You can select a text editor such as notepad++ and open the property file in the selected editor to edit it.

Procedure

1. Go to the **File** menu and click **Open in Text Editor**.
2. Edit the configuration values in the text editor, and click **Save**.
3. To analyze the log file, click **Run Analyze**



Note: You can configure a text editor of your choice from the **Tools > Configuration > Tool Settings**.

The different configuration parameters are explained in the following table:

Property File Configuration

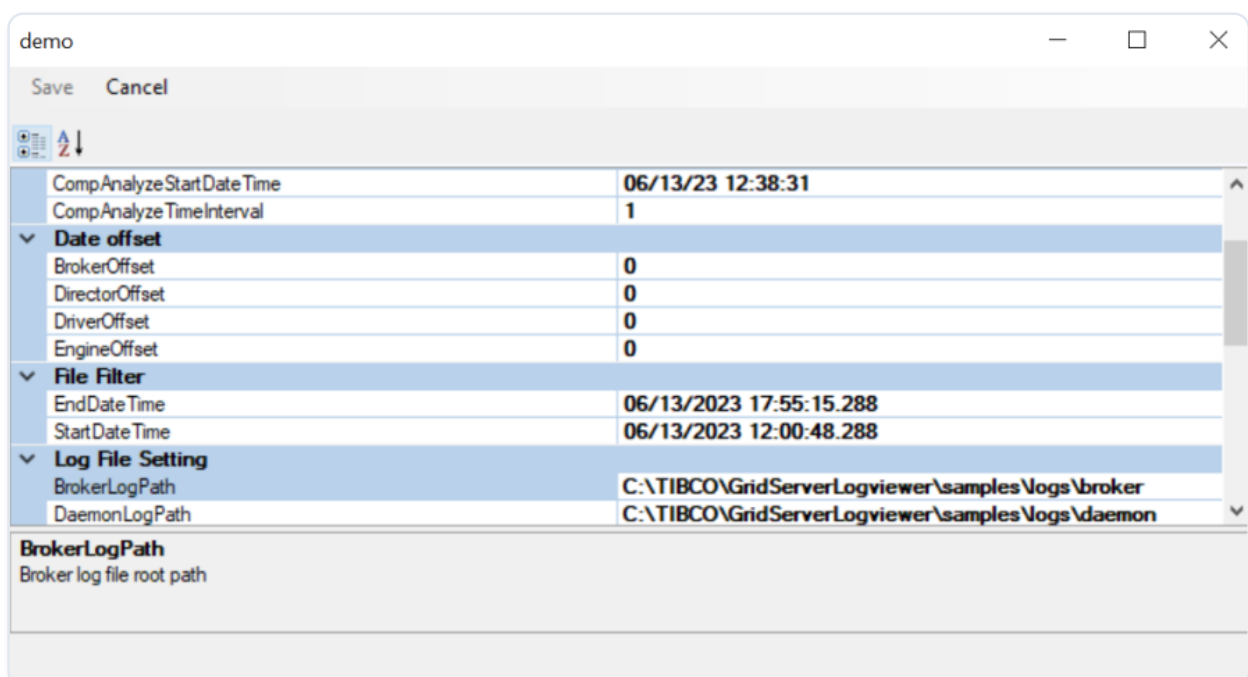
FIELD	DESCRIPTION
Loader Settings	- You can configure the Async Loader to True or False. - If the Async Loader is True, then the logs load fast, but it should not be used when offset is configured.
Tool Settings	You can choose another text editor.
View Maximum	You can edit to configure the maximum rows that can be displayed in a view. (The value should be less than 2147483647 and more than 0).

Editing Property File Using the Property Editor

You can also edit the Property file using the Property Editor. In Property Editor, you configure the values of the property file when you first created the file.

Procedure

- Go to the **File** menu and select **Open in Property Editor**.
- Edit the configuration of the property file, and click **Save**.



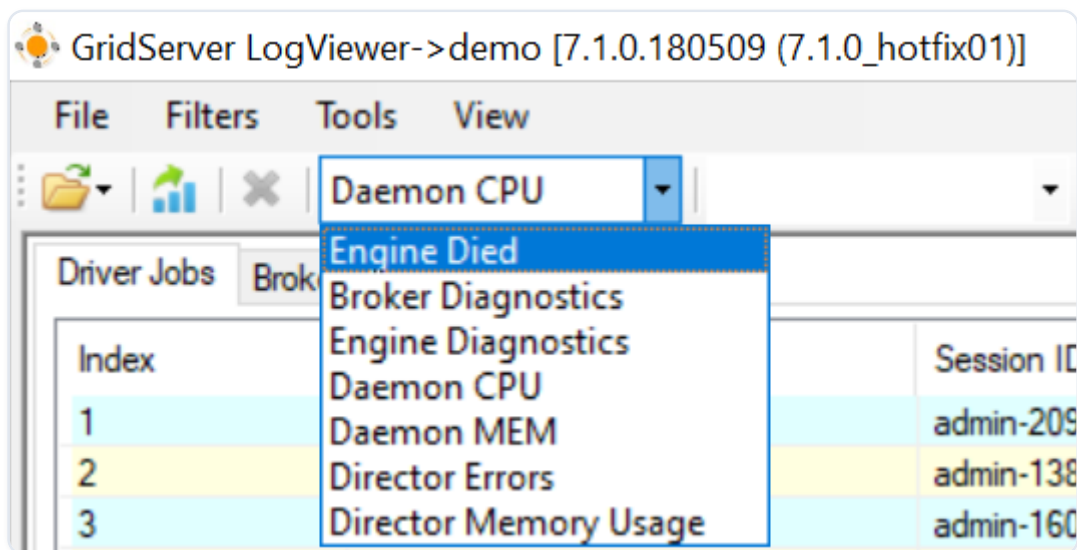
3. To analyze the log file, click **Run Analyze**.

Selecting the Log View

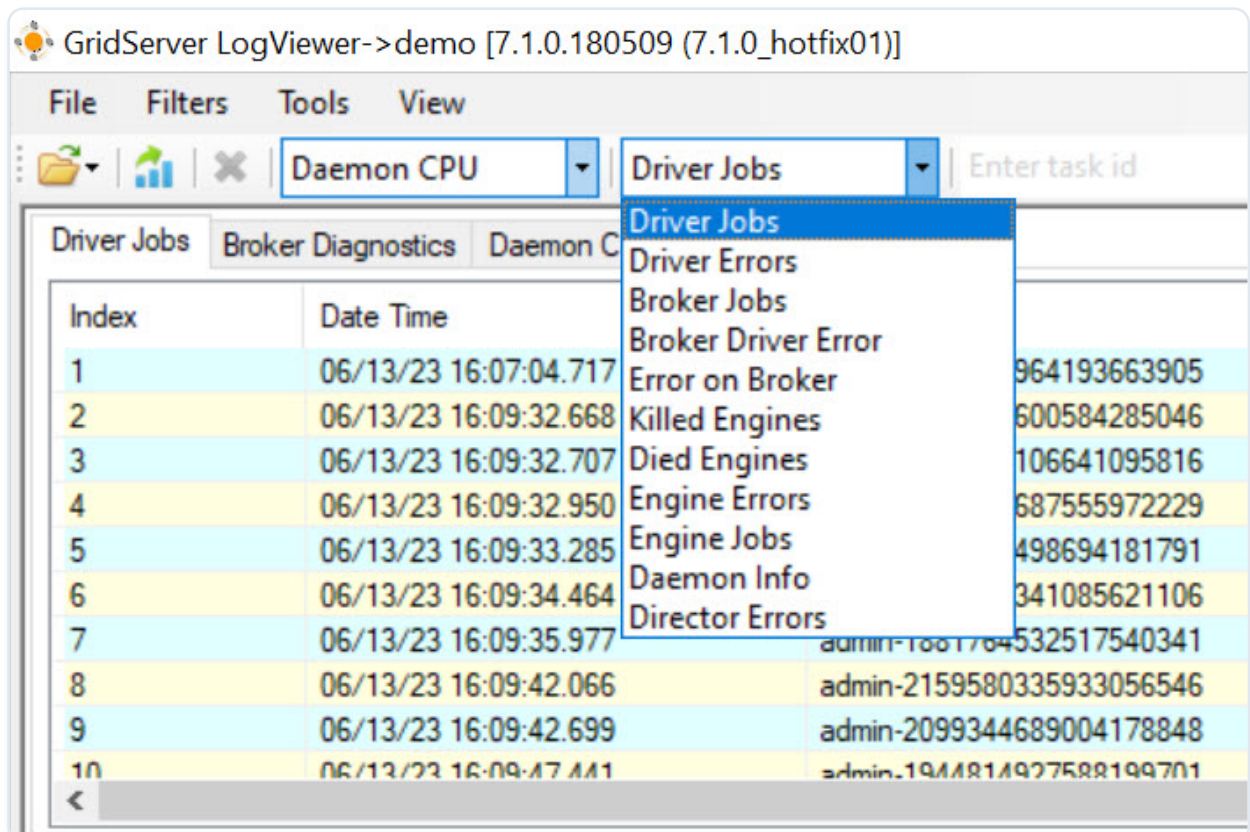
After you analyze the logs file, you can view the analyzed logs in the chart or in detail. The logs are displayed in **Detail Views** by default.

Procedure

1. To view the analyzed logs in **Chart Views**, select the options from the dropdown list.



2. To view the analyzed logs in **Detail Views** form, select the options from the dropdown list.



Note: You can `open the log file`, `search by job id`, sort by different parameters in the file such as, `Session ID, Job ID, Run Time, Port` and so on.

Searching the Logs

You can find more information about of a log file either by searching with the Task ID or the JobID.

Note:

- To copy the TaskID or JobID, select the required JobID or TaskID and right-click. Click **Copy to clipboard**.
- Alternatively, you can select the TaskID that was searched earlier from the dropdown list. Likewise, you can select the JobID from the dropdown list to search by JobID.
- To clear the search, click **Clear search text**



Searching Logs by TaskID

You can search the logs by a specific TaskID. It minimizes the memory load as only jobs of a specific TaskID is loaded in the memory.

Procedure

1. To search a log file for a particular TaskID, enter the Task ID in the Search box.

Driver Jobs						
Task Summary						
Index	Date Time	Task ID	Stage	Engine	Run Time	Message
1	06/13/23 16:09:37.250	CPP Generic Service-2159580334703155998	Warning (Driver)			[ServiceImp] The option/description 'gridLibraryVersion' has been registered on the server as "1.0.0..."
2	06/13/23 16:09:41.304	CPP Generic Service-2159580334703155998	Driver Submitted (Broker)		00:00:04.054	
3	06/13/23 16:11:02.825	CPP Generic Service-2159580334703155998-12	Submitted (Driver)		00:01:21.521	
4	06/13/23 16:18:26.304	CPP Generic Service-2159580334703155998-12	Task Accepted (Broker)	TIBCO-R91391SE-7	00:07:23.479	
5	06/13/23 16:18:33.957	CPP Generic Service-2159580334703155998-12	Executing (Engine)	TIBCO-R91391SE-7	00:00:07.653	
6	06/13/23 16:18:56.193	CPP Generic Service-2159580334703155998-12	Finished (Engine)	TIBCO-R91391SE-7	00:00:22.236	
7	06/13/23 16:18:57.851	CPP Generic Service-2159580334703155998-12	Task Completed (Broker)	TIBCO-R91391SE-7	00:00:01.658	
8	06/13/23 16:19:03.085	CPP Generic Service-2159580334703155998	Collected Task (Broker)		00:00:05.234	1 task(s)
9	06/13/23 16:19:06.391	CPP Generic Service-2159580334703155998-12	Download output (Driver)		00:00:03.306	330 ms
10	06/13/23 16:19:20.701	CPP Generic Service-2159580334703155998	Collected Task (Broker)		00:00:14.310	1 task(s)
11	06/13/23 16:19:23.968	CPP Generic Service-2159580334703155998-12	Completed (Driver)		00:00:03.267	
12	06/13/23 16:19:40.532	CPP Generic Service-2159580334703155998	Collected Task (Broker)		00:00:16.624	1 task(s)
13	06/13/23 16:22:17.898		Completed Service (Broker)		00:02:37.306	
Total Run Time					00:12:40.648	

Host Summary				Job On Engine			
Index	Host Name	Instances	Tasks	Index	Host Name	Instances	Tasks
1	na1devday02	12	3535	1	na1devday02	12	3535
2	na1devday01	8	2189	2	na1devday01	8	2189
3	na1devday01	12	1735	3	na1devday01	12	1735
4	TIBCO-R9139...	12	1275	4	TIBCO-R9139...	12	1275
Total		44	8,734				

Driver Tasks							
Index	Date Time	Task ID	Status	Completed Time	Run Time	Download Time	
1	06/13/23 16:09:46.740	CPP Generic Service-2159580334703155998-0	Completed (Driver)	06/13/23 16:10:19.175	00:00:32.435	0	
2	06/13/23 16:09:47.425	CPP Generic Service-2159580334703155998-1	Completed (Driver)	06/13/23 16:10:35.571	00:00:48.146	0	
3	06/13/23 16:09:48.893	CPP Generic Service-2159580334703155998-2	Completed (Driver)	06/13/23 16:10:35.587	00:00:46.694	0	
4	06/13/23 16:09:58.583	CPP Generic Service-2159580334703155998-3	Completed (Driver)	06/13/23 16:12:55.853	00:02:57.270	164	
5	06/13/23 16:10:05.370	CPP Generic Service-2159580334703155998-4	Completed (Driver)	06/13/23 16:13:57.631	00:03:52.261	477	
6	06/13/23 16:10:28.562	CPP Generic Service-2159580334703155998-5	Completed (Driver)	06/13/23 16:14:25.486	00:03:56.924	0	
7	06/13/23 16:10:29.071	CPP Generic Service-2159580334703155998-6	Completed (Driver)	06/13/23 16:14:59.420	00:04:30.349	1282	
8	06/13/23 16:10:56.046	CPP Generic Service-2159580334703155998-7	Completed (Driver)	06/13/23 16:15:35.833	00:04:39.787	0	
9	06/13/23 16:10:58.778	CPP Generic Service-2159580334703155998-8	Completed (Driver)	06/13/23 16:16:27.593	00:05:28.815	33	
10	06/13/23 16:11:01.413	CPP Generic Service-2159580334703155998-9	Completed (Driver)	06/13/23 16:17:10.025	00:06:08.612	31	
11	06/13/23 16:11:02.219	CPP Generic Service-2159580334703155998-10	Completed (Driver)	06/13/23 16:17:37.285	00:06:35.066	151	
12	06/13/23 16:11:02.483	CPP Generic Service-2159580334703155998-11	Completed (Driver)	06/13/23 16:18:50.342	00:07:47.859	0	
13	06/13/23 16:11:02.825	CPP Generic Service-2159580334703155998-12	Completed (Driver)	06/13/23 16:19:23.968	00:08:21.143	330	
14	06/13/23 16:11:02.963	CPP Generic Service-2159580334703155998-13	Completed (Driver)	06/13/23 16:19:25.423	00:08:22.460	1496	
15	06/13/23 16:11:07.072	CPP Generic Service-2159580334703155998-14	Completed (Driver)	06/13/23 16:20:04.383	00:08:57.311	23	
16	06/13/23 16:11:07.566	CPP Generic Service-2159580334703155998-15	Completed (Driver)	06/13/23 16:20:49.437	00:09:41.871	0	
17	06/13/23 16:11:12.077	CPP Generic Service-2159580334703155998-16	Completed (Driver)	06/13/23 16:20:49.444	00:09:37.367	0	
18	06/13/23 16:11:36.342	CPP Generic Service-2159580334703155998-17	Completed (Driver)	06/13/23 16:22:02.107	00:10:25.765	0	
19	06/13/23 16:11:41.095	CPP Generic Service-2159580334703155998-18	Completed (Driver)	06/13/23 16:21:58.945	00:10:17.850	0	
20	06/13/23 16:11:53.262	CPP Generic Service-2159580334703155998-19	Completed (Driver)	06/13/23 16:22:17.895	00:10:24.633	16	

2. Click Search by task id



Result

The top pane of the window displays the different **Stage** , **Engine** , **Run time** , **Message** , if any, and **Date Time** of the selected TaskID in the **Task Summary** tab.

Searching Logs by JobID

You can search the logs by a specific JobID. It minimizes the memory load as instead of loading all the jobs, only the jobs of a specific JobID is loaded in the memory.

Procedure

1. To search a log file for a particular JobID, enter the Job ID in the Search box.
2. To fetch the analyzed log result of the selected JobID, click **Run Analyze**



Driver Jobs								
Index	Date Time	Session ID	Job ID	Port	Completed Time	Run Time	Num Of Tasks	Errors
1	06/13/23 16:09:42.699	admin-20993446889004178848	CPP Generic Service-20993446889002060083 (1)	50522	06/13/23 16:20:04.201	00:10:21.502	20	62

Result

- A dialog with a validation message, *Do you only want to view <JobID>* displays before the analyzed log results are displayed.
- The top pane of the window displays the `Session ID` , `JobID` itself, `Port` , `Completed Time` , `Run Time` , `Number of Tasks` , `Errors` , and `Date Time` of the selected JobID.

Applying Filters

Different types of filter can be applied on the log file. The `Filter` fetches the data based on the type of filter applied. You can apply the following filters to the analyzed log file.

- **File Filter:**

It filters the parsing log files between the start time and end time.

- **Search Filter:**

It filters the parsing logs that are already loaded to the memory in the configured date/time range.

- **Comprehensive Analyze Filter:**

Comprehensive Analyze is a graphical representation of the selected log file that displays information such as, `Total Engines`, `Total memory`, `Used Memory`, `Task Accepted`, `Task Completed`, `Network Warning` , and so on.

It is only used for comprehensive analysis that requires Broker, Driver, and Engine logs.

The Interval 1 min checkbox is selected by default. The slider is used to increase the interval upto 60 minutes.

Procedure

1. To select the filter, go to the **Filters** menu, select the required filter.
2. To enable the filter, select the **Enable/Disable** checkbox.
3. To apply the selected filter, enter the Search start time and Search end time.
4. To filter the logs by `File Filter` , click **Run Analyze**



Note:

- For **Search Filter**, click **Analyze by search filter > Run Analyze**.
- For **Comprehensive Analyze Filter**, use the slider to increase at the required interval and enter the date/time range. Click **Comprehensive Analyze**



Adding Multiple Brokers

You can also view the log files of multiple Brokers in GridServer LogViewer. If you have to add more Brokers, then add folders for each Broker and set the Broker path.

Procedure

1. To add more than one Broker, add another Broker folder to the following path:

```
<GridLogViewer_Installation_Home>\samples\logs\broker\broker_name .
```

Note: If you have more than one broker, the name of the broker of the selected log file is displayed on the screen.

1. In the Property file, under **Log File Setting**, configure the value of the **BrokerLogPath** to the following path:

```
<GridLogViewer_Installation_Home>\samples\logs\broker\broker_name1
```

```
<GridLogViewer_Installation_Home>\samples\logs\broker\broker_name2
```

```
<GridLogViewer_Installation_Home>\samples\logs\broker\broker_name3
```