

## Better Log Structure on Alteryx Designer/Server

In order to make it easier to find workflow logs and be able to analyze them we would suggest some changes:

- In the log name instead something like **alteryx\_log\_1634921961\_1.log** the log name should be the queue\_id for example: **6164518183170000540ac1c5.log**

This would facilitate when trying to find the job logs.

To facilitate reading the log we would suggest the following changes:

1. **Add the timestamp**
2. **Add error level**

### Example of current log:

Started running

D:\ProgramData\Alteryx\Service\Staging\13600\_d8cf199f65bd4b61b65b4aff163df371  
\myworkflow.yxmd at Fri Oct 22 11:59:06 2021

00:00:00.003 - Alteryx: Running at a Low Priority.

00:00:00.009 - RunId - Alteryx: 01b20bbe-7e2c-493a-b993-4516bcaa060c

00:00:00.271 - FieldConversionError - ToolId 3: Notifications.LastPolled: "0001-01-01  
00:00:00" is not a valid DateTime

00:00:00.272 - ToolId 3: 20 records were read from users

00:00:00.272 - ToolId 6: 0 records were True and 20 were False

00:00:00.272 - ToolId 11: 0 records were written to AlteryxGallery.users

Finished in 00:00:00.274 with 1 field conversion error

### Example suggested log:

2021-10-11 11:59:06.000 INFO Started running

D:\ProgramData\Alteryx\Service\Staging\13600\_d8cf199f65bd4b61b65b4aff163df371  
\myworkflow.yxmd at Fri Oct 22 11:59:06 2021

2021-10-11 11:59:06.003 INFO 00:00:00.003 - Alteryx: Running at a Low Priority.

2021-10-11 11:59:06.009 INFO 00:00:00.009 - RunId - Alteryx: 01b20bbe-7e2c-493a-b993-4516bcaa060c

2021-10-11 11:59:06.271 WARN 00:00:00.271  
- FieldConversionError - ToolId 3: Notifications.LastPolled: "0001-01-01 00:00:00" is not a valid DateTime

2021-10-11 11:59:06.272 INFO 00:00:00.272 - ToolId 3: 20 records were read from users

2021-10-11 11:59:06.272 INFO 00:00:00.272 - ToolId 6: 0 records were True and 20 were False

2021-10-11 11:59:06.272 INFO 00:00:00.272 - ToolId 11: 0 records were written to AlteryxGallery.users

2021-10-11 11:59:06.274 WARN Finished in 00:00:00.274 with 1 field conversion error

**In the suggested format the log would be [TIMESTAMP] [ERRORLEVEL]  
[ELAPSED TIME] [MESSAGE]**