

How to Turn on SAS Metadata Log Debug Level on the Fly

There are many times during trouble shooting changing SAS Metadata logging level to DEBUG level. There are multiple ways to accomplish this step, however, what to do when the environment is critical/production and re-start of Metadata is not an option. **PROC IOMOPERATE** to the rescue. You can enable SAS Metadata DEBUG logging on the fly without needing to restart the server using SAS Code. This feature was added to SAS 9.3.

Following is an example you will need to update the details to match your environment. Clear text passwords are always a concern in that case you may use PROC PWENCODE to encode your password; shown below:

```
/** encode your password **/
```

```
Proc pwencode in='<your-password>' ;  
Run;
```

```
/** enable debug level **/
```

```
proc iomoperate;  
connect host='localhost' port=8561 user='sasadm@saspw' password='  
{SAS002}0F38130535B023F90B27F2A212EFA91C39E153C3';  
set log  
cfg="<SASROOT!>/config/Lev1/SASMeta/MetadataServer/logconfig.trace.xml";  
quit;
```

```
/** disable debug level **/
```

```
proc iomoperate;  
connect host='localhost' port=8561 user='sasadm@saspw' password=  
'{SAS002}0F38130535B023F90B27F2A212EFA91C39E153C3';  
set log cfg="<SASROOT!>/config/Lev1/SASMeta/MetadataServer/logconfig.xml";  
quit;
```

In the log location, a new Metadata log will be created with the new effective settings.