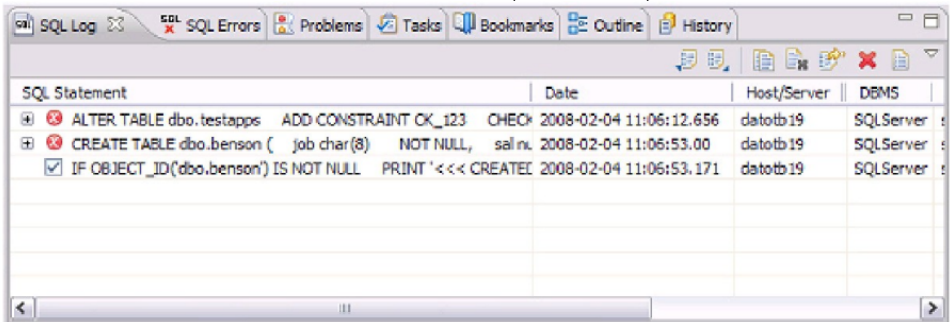


Troubleshooting

DB Optimizer contains a number of views used exclusively to log and monitor the SQL development process.

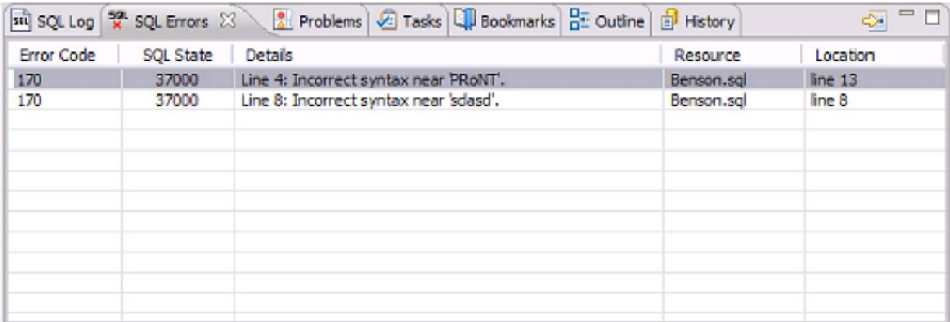
- The **SQL Log** captures all SQL commands executed by SQL Editor and the system. SQL Log entries are listed by SQL Statement name, Date issued, Host/Server, Service, User, Source, and the Time (in milliseconds) it took to execute the command.



The screenshot shows the 'SQL Log' window with a table containing the following data:

SQL Statement	Date	Host/Server	DBMS
ALTER TABLE dbo.testapps ADD CONSTRAINT CK_123 CHECK	2008-02-04 11:06:12.656	datotb19	SQLServer
CREATE TABLE dbo.benson (job char(8) NOT NULL, sal nu	2008-02-04 11:06:53.00	datotb19	SQLServer
IF OBJECT_ID(dbo.benson) IS NOT NULL PRINT '<<< CREAT	2008-02-04 11:06:53.171	datotb19	SQLServer

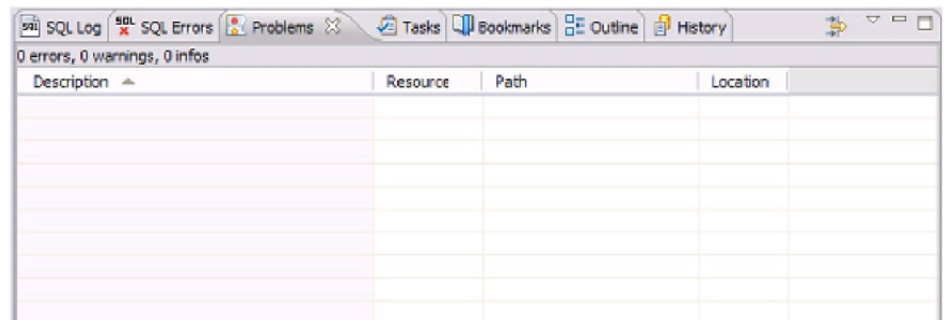
- The **SQL Errors** log automatically logs all SQL errors encountered when SQL commands are executed through DB Optimizer. Errors are listed by Error Code, SQL State, error Details, Resource, and the Location of the error in the SQL file.



The screenshot shows the 'SQL Errors' window with a table containing the following data:

Error Code	SQL State	Details	Resource	Location
170	37000	Line 4: Incorrect syntax near 'PRINT'.	Benson.sql	line 13
170	37000	Line 8: Incorrect syntax near 'dclsd'.	Benson.sql	line 8

- The **Problems** view captures syntactic and semantic errors and warnings in the files of the workspace. These entries typically take the form of error messages or warnings issued by the system over the course of a procedure execution. Problems are organized by Description (which indicates the type of problem logged), Resource, file Path, and Location. Using the Problems view, you can apply quick fixes to issues that DB Optimizer detects, as well as locate other problems that have similar attributes.



The screenshot shows the 'Problems' window with a table containing the following data:

Description	Resource	Path	Location
0 errors, 0 warnings, 0 infos			

See Also

- [View log details](#)
- [Maintain logs](#)
- [Filter logs](#)
- [Import and export error logs](#)
- [Find and fix SQL code errors](#)
- [Find and fix other problems](#)