Code Review

## July 26, 2022

1. In SQLiteDB.h, what’s the different for the ExecuteInsert and ExecuteQuery functions. They should be the same.

Kunming: They were merged.

1. In DBAccess\_l20\_db.h the DB\_DATA union definition is not good. You can use the void\* to instead of union.

Kunming: All data types should be defined by Branson

1. Line 129, please use the string array to redefine table name.

Kunming: ok

1. In DBAccess\_l20\_db.cpp, the line 60 dataInsert is not the good code.

Kunming: modified

1. In commons.h line 32, the EMMC NAME must be “/mmc1”.

Kunming: ok

1. Line 38 the L20\_DB\_FILE\_NAME must be “sample\_l20\_base.db”

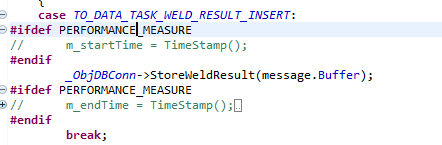
Kunming: ok

## Aug 11, 2022

WindRiver’s concerns from Kunming WeiChart

1. Kunming: some macros are not defined in ProcessTaskMessage()

Jerry: it is about performance and defined in Common.h



1. Kunming: a lot of code from Branson is not tested

Jerry: you’d better complete all test in Monday for the coming code review.

1. Kunming: should all data in message queue use the same format as struct MESSAGE from Common.h?

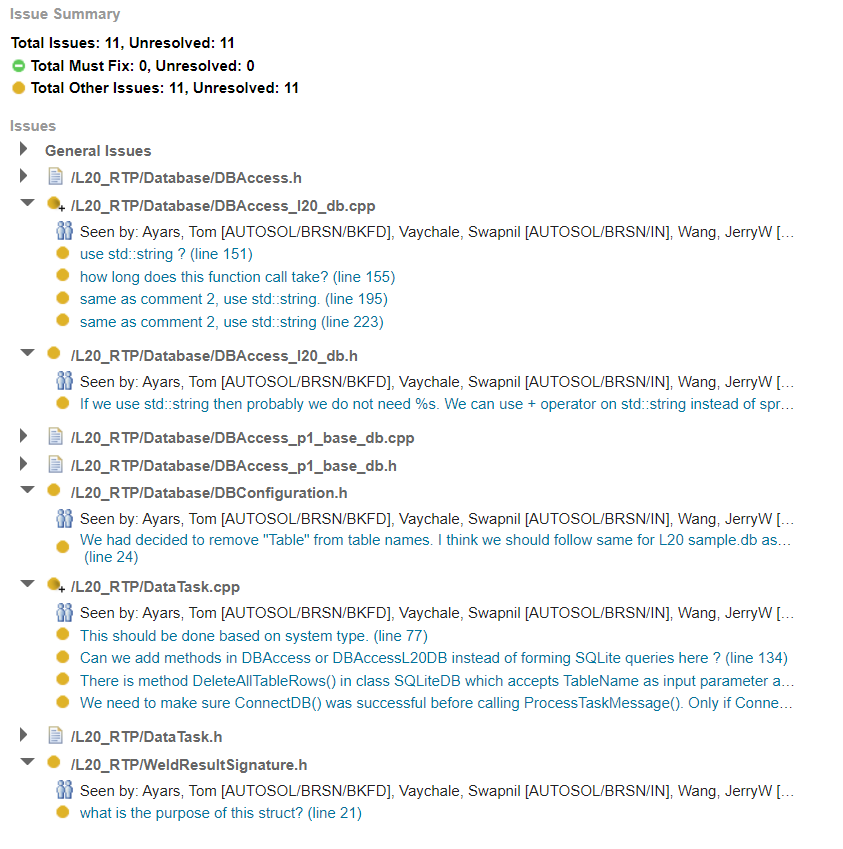
Jerry: it’s better to use the same as before

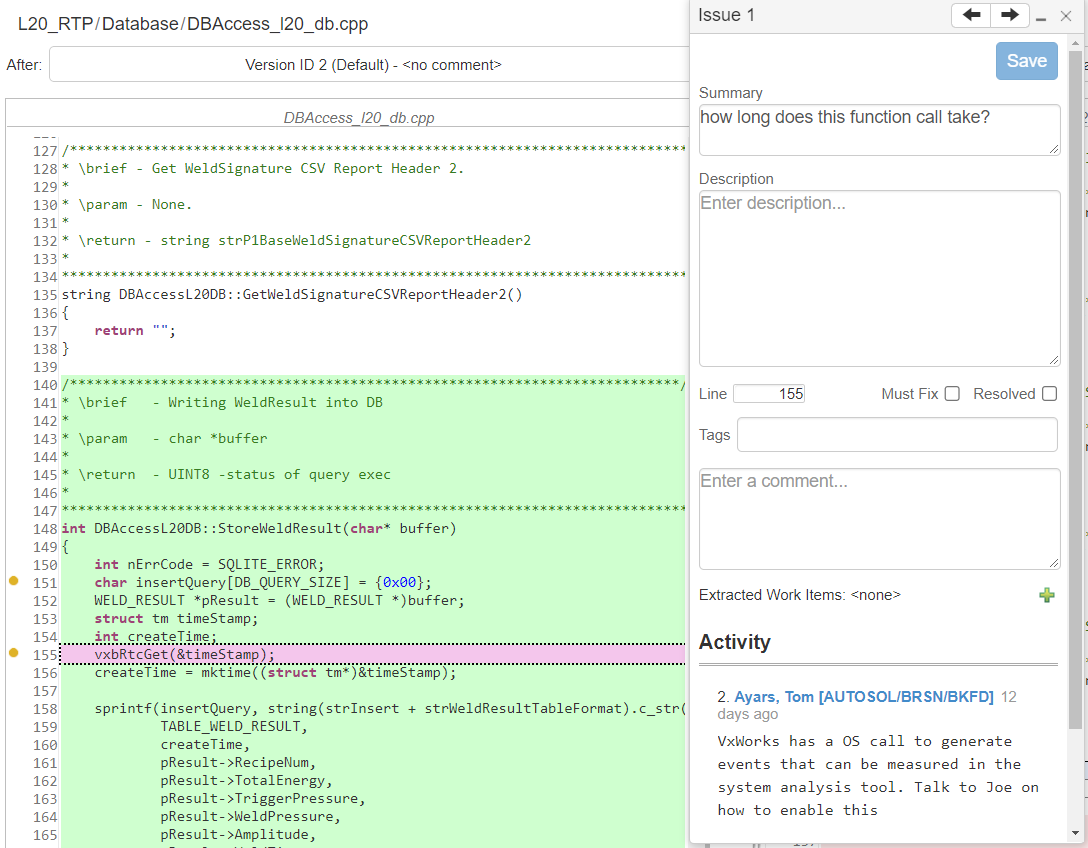
1. Kunming: does each operation for each table use message ID separately?

Jerry: let’s do it first, maybe we can adjust it later

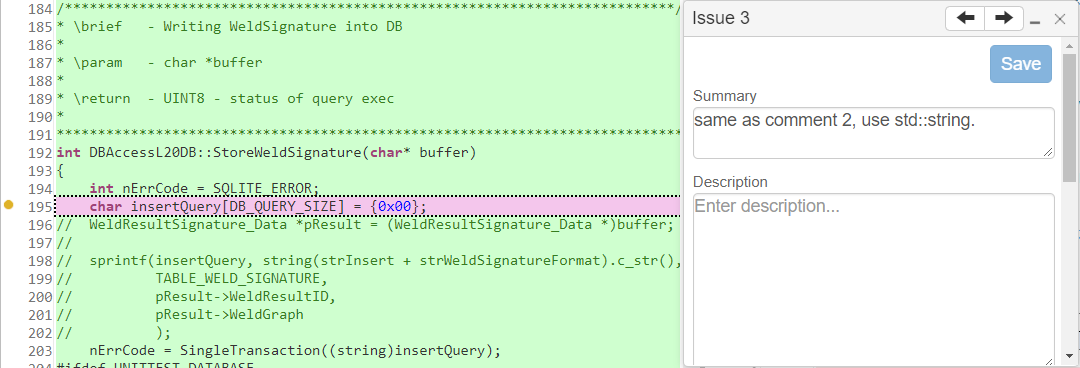
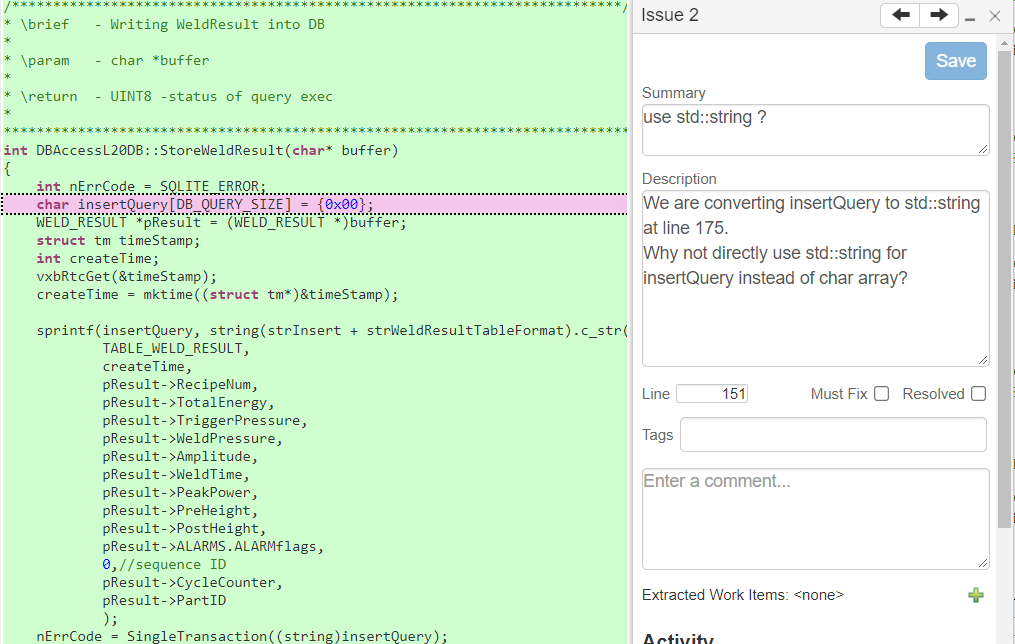
## Sep. 4, 2022

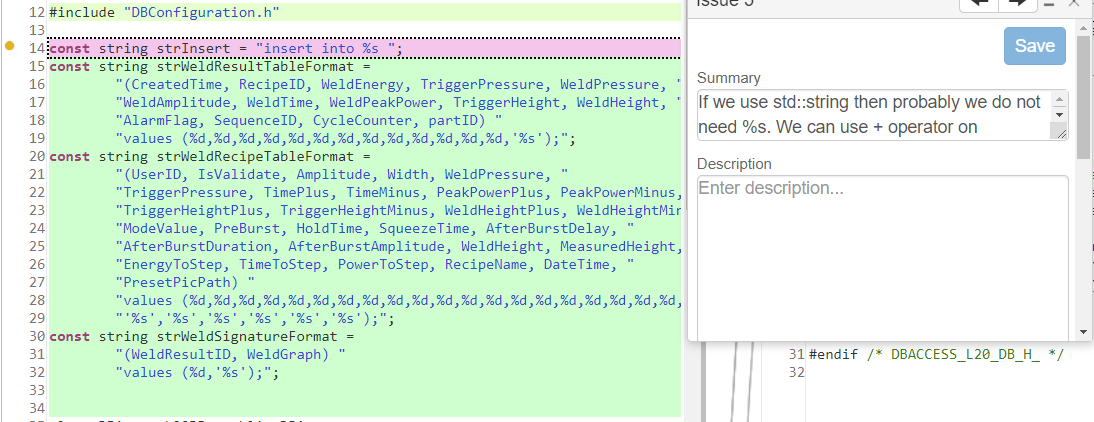
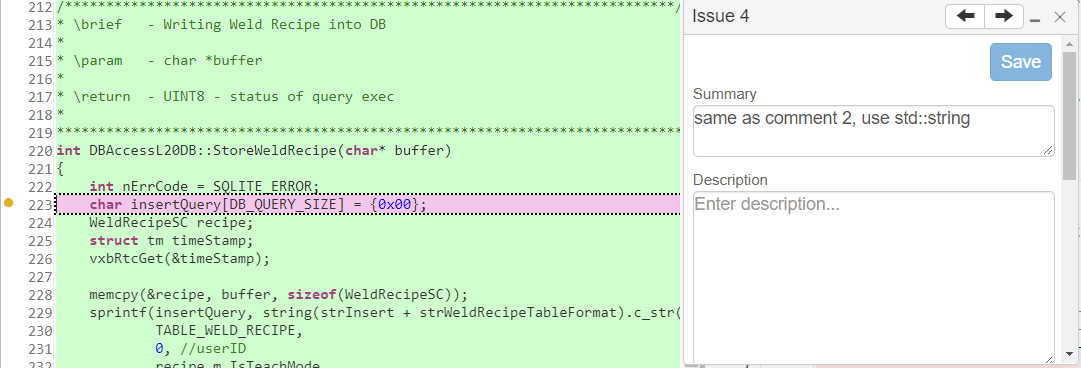
Summary



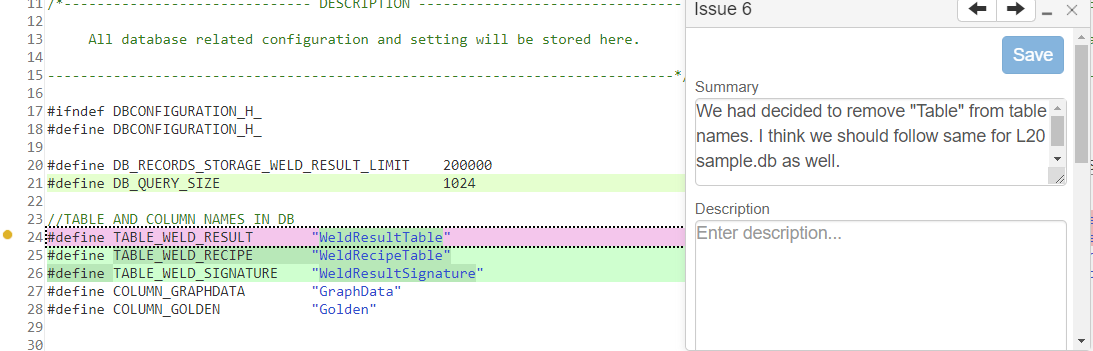


Kunming: measure code is added into DBAccessL20DB::StoreWeldResult(). Current value is about 240 microseconds on JiangNiu Board.

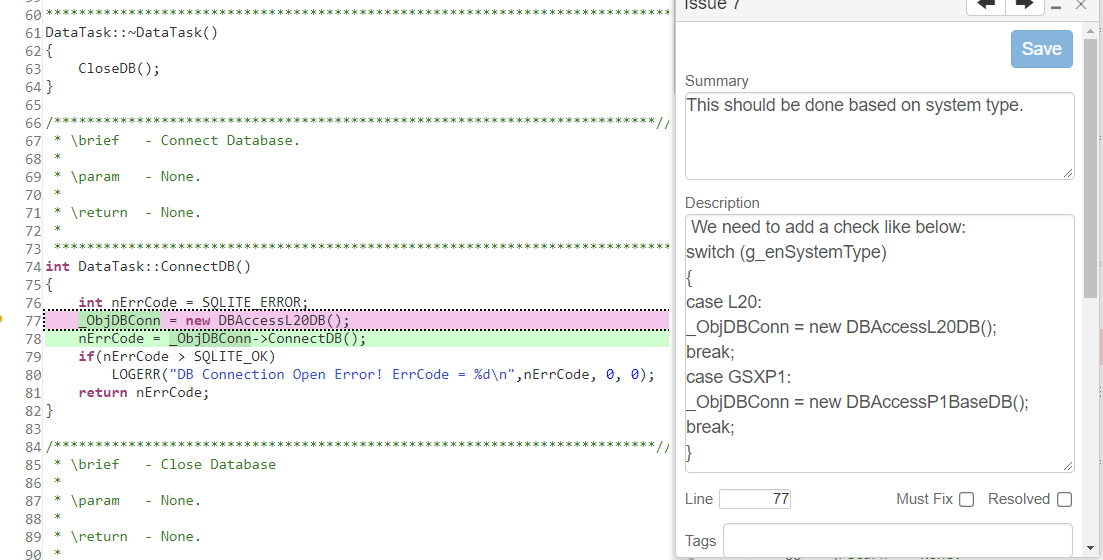




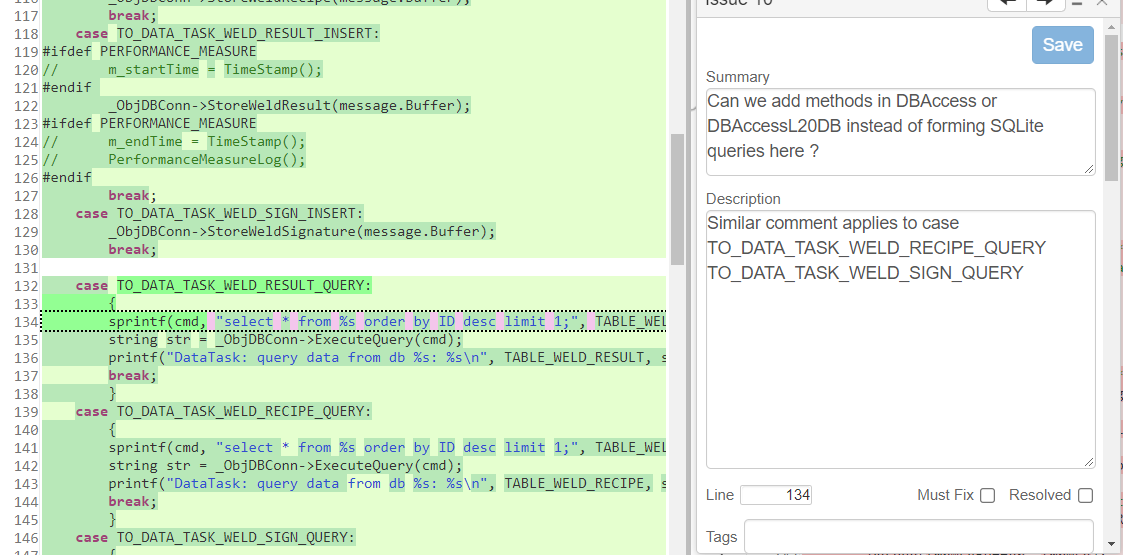
Kunming: ok



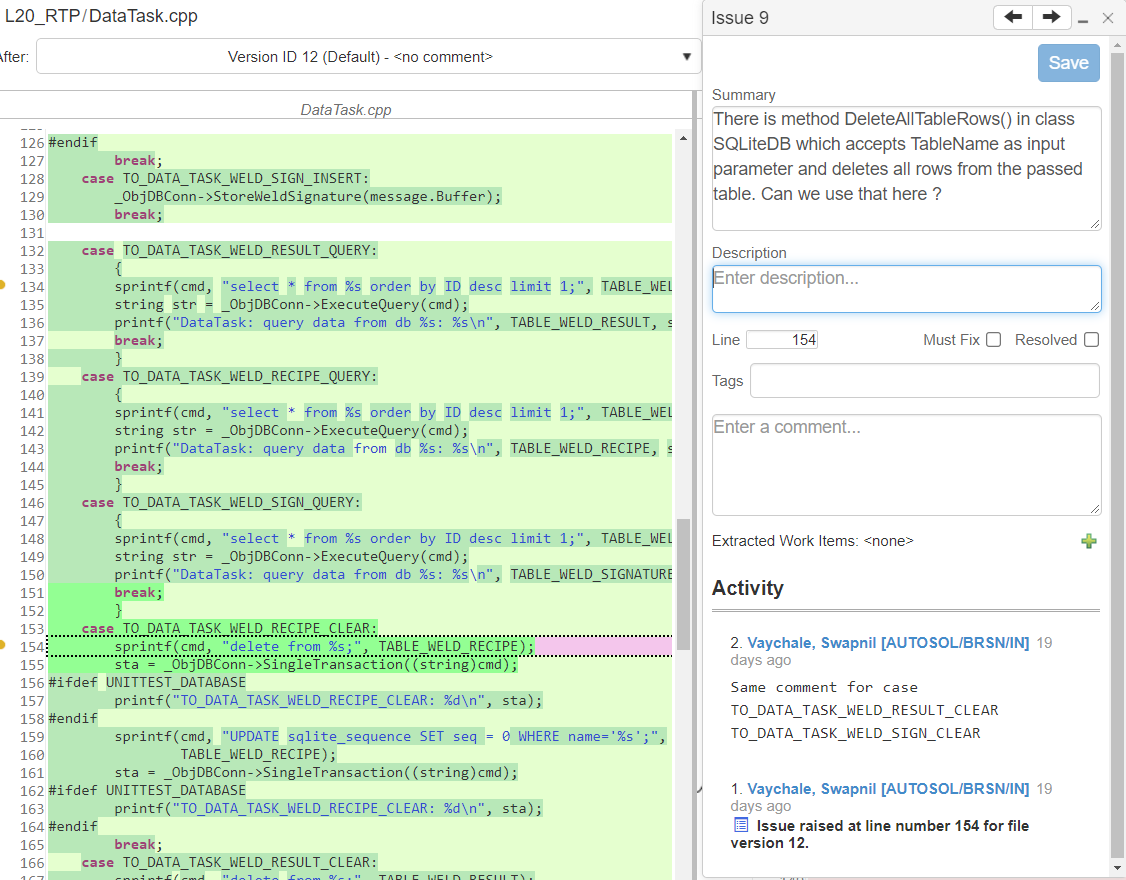
Kunming: ok



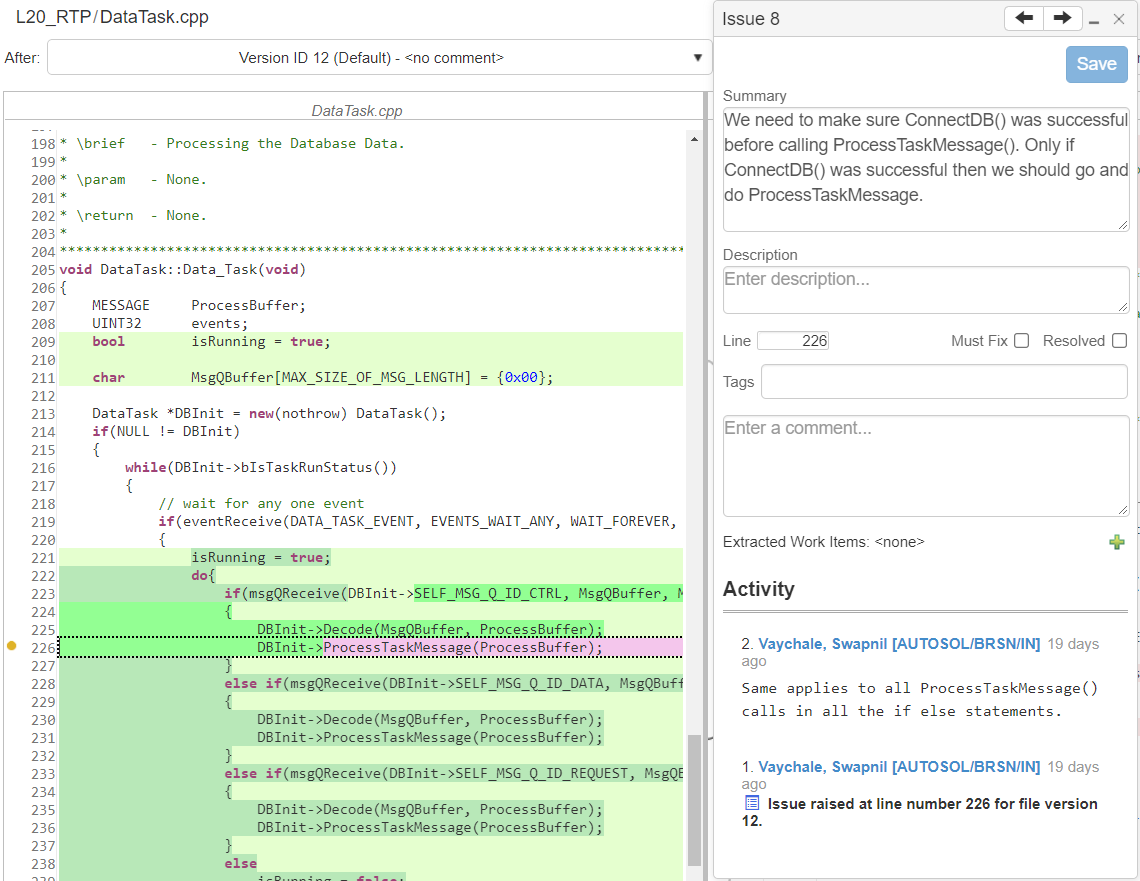
Kunming: ok



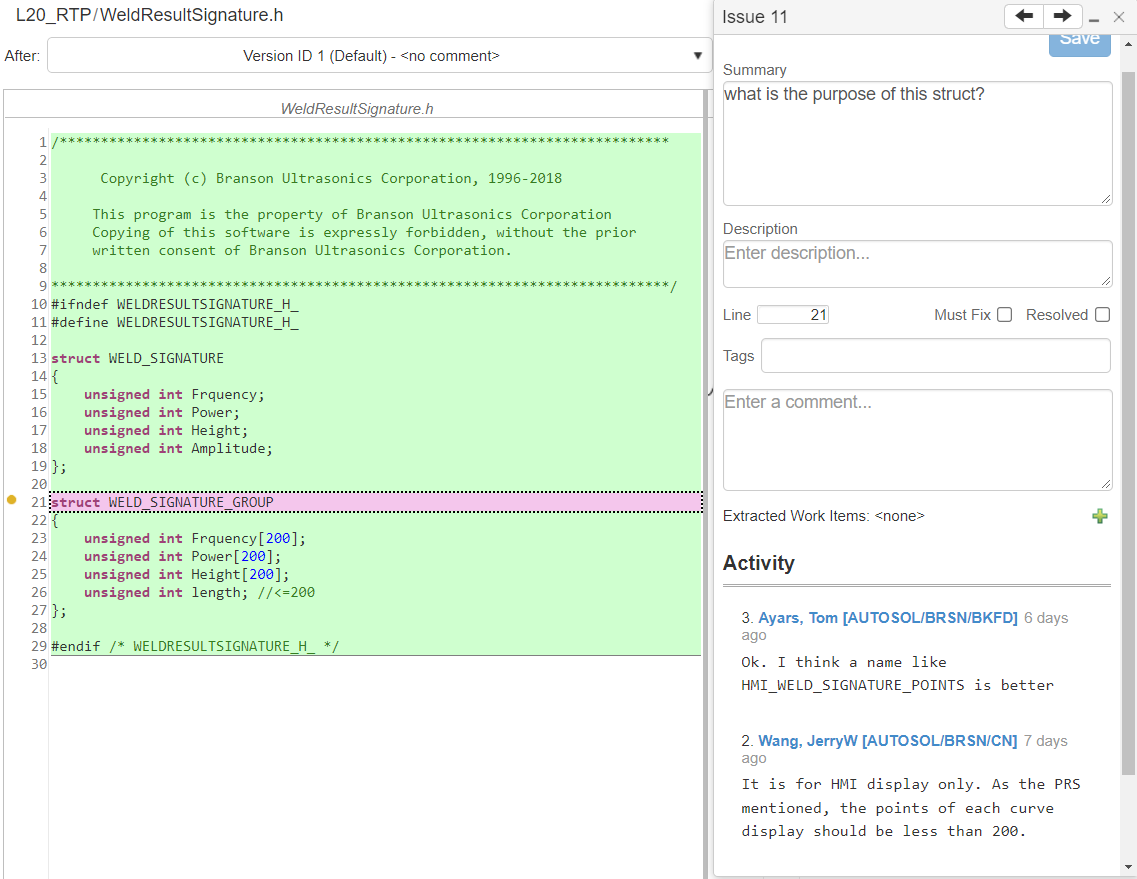
Kunming: They were moved into DBAccessL20DB



Kunming: ClearTable() was merged into DeleteAllTableRows()



Kunming: the check was added in DataTask::ProcessTaskMessage() after msgQReceive()



Kunming: it was removed