

MARTe2-core - User story #1176

Fix GAM::SortBrokers

21.06.2022 15:44 - Giuseppe Ferro

Status: Closed	Start date: 21.06.2022
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	Spent time: 0.00 hour
Git branch (link):	SVN commit (link/?p=rev):
Git merge to develop (link):	

Description

```
--- Source/Core/BareMetal/L5GAMs/GAM.cpp 2022-02-02 09:30:34.000000000 0000
±± Source/Core/BareMetal/L5GAMs/GAM.cpp 2022-05-05 09:44:22.946970024 +0000
@ -628,13 +628,13 @
bool GAM::SortBrokers() {
    bool ret = true;
+   int32 count = 0;
    for (uint32 i = 0u; (i < numberOfInputSignals) && ret; i++) {
        StreamString dataSourceName;
        ret = GetSignalDataSourceName(InputSignals, i, dataSourceName);
        if (ret) {
            int32 numberOfInputBrokers = static_cast<int32>(inputBrokers.Size());
-           int32 count = 0;
-           for (int32 n = 0; (n < numberOfInputBrokers) && ret; n++) {
+           for (int32 n = count; (n < numberOfInputBrokers) && ret; n++) {
                ReferenceT<BrokerI> broker = inputBrokers.Get(static_cast<uint32>(n))
;
                StreamString dsName = broker->GetOwnerDataSourceName();
                if (dsName == dataSourceName) {
@ -643,20 +643,20 @
                    if (ret) {
                        ret = inputBrokers.Insert(broker, count);
                    }
-                    count++;
+                    count++;
                }
            }
        }
    }
+   count = 0;
    for (uint32 i = 0u; (i < numberOfOutputSignals) && ret; i++) {
        StreamString dataSourceName;
        ret = GetSignalDataSourceName(OutputSignals, i, dataSourceName);
        if (ret) {
            int32 numberOfOutputBrokers = static_cast<int32>(outputBrokers.Size());
-           int32 count = 0;
-           for (int32 n = 0; (n < numberOfOutputBrokers) && ret; n++) {
+           for (int32 n = count; (n < numberOfOutputBrokers) && ret; n++) {
                ReferenceT<BrokerI> broker = outputBrokers.Get(static_cast<uint32>(n));
                StreamString dsName = broker->GetOwnerDataSourceName();
                if (dsName == dataSourceName) {
@ -665,8 +665,8 @
                    if (ret) {
                        ret = outputBrokers.Insert(broker, count);
                    }
                }
            }
        }
    }
}
```

```
-         count++;  
}  
+         count++;  
}  
}  
}
```

History

#1 - 21.06.2022 15:46 - Giuseppe Ferro

- *Tracker changed from Design to User story*

#2 - 21.06.2022 18:22 - Giuseppe Ferro

- *Status changed from Code: Impl to Unit: Rev*

#3 - 21.06.2022 18:24 - Giuseppe Ferro

branch #1176_Fix_GAM_SortBrokers
unit-tests fixed and coverage ok
linting to be checked by Andre Neto

#4 - 21.06.2022 18:24 - Giuseppe Ferro

- *Assignee changed from Giuseppe Ferro to André Neto*

#5 - 30.06.2022 11:26 - André Neto

- *Assignee deleted (André Neto)*

- *Status changed from Unit: Rev to Closed*

Merged in f4d596467f3d60df2e7f31a800cb4c2e89f4503e