Visu, Alarm Management: Get 'Group' and 'Class' names from Alarm Storage Data

When you read the AlarmStorage, you can get Static Informed about the alarms through this method call:

Declaration

```
METHOD AlarmRead
VAR_INPUT
/// A 0-based index of the row read from TblAlarm
diWhichRow : DINT;
/// An AlarmStorageStaticData variable, containing data of the alarm
staticData : AlarmStorageStaticData;
END_VAR
```

The staticData here contains:

- udiAlarmGroupId
- udiAlarmClassId

Use the following code to get the group name or class name:

Declaration

```
_itfAlarmClass : IAlarmClass;
_itfAlarmGroup : IAlarmGroup;
_sClass : STRING;
_sGroup : STRING;
```

Implement
ation

```
_itfAlarmClass := g_AlarmHandler.g_inst.FindAlarmClass(staticData.udiAlarmClassId);
IF (_itfAlarmClass <> 0) THEN
    _sClass := _itfAlarmClass.GetName();
END_IF

_itfAlarmGroup := g_AlarmHandler.g_inst.FindAlarmGroup(staticData.udiAlarmGroupId);
IF (_itfAlarmGroup <> 0) THEN
    _sGroup := _itfAlarmGroup.GetName();
END_IF
```

See also....

- Our Codesys Online Help (OLH) Website
- Basic information to the Codesys Development System (Codesys Homepage)
- OLH: The Online-help introduction for the Codesys Development System (IDE)
- OLH: Alarm Configuration, 'Alarm class' Objects and 'Alarm group' Objects