

Global Variable List: GlobalAxisDefines

```
1  VAR_GLOBAL CONSTANT
2      // Note: Set MOTIF_CONFIG.CONFIG_MODE_AXS to TE_AXIS_IDX_CONFIG_MODE.GLOB_VAR
   to use this list
3      // You can find the parameterlist MOTIF_CONFIG in the library
   CXA_MotionInterfaceUser
4
5      // Step 1: Define your Axis-Refs. These defines can be used for PLCopen FBs
   and also for accessing the AxisInterface
6      // Example PLCopen: "fbReadParameter( Execute:= ,      Axis:= vAxis1);"
7      // Example Axis-Interface: "arAxisCtrl_gb[vAxis1.AxisNo].Admin._OpMode :=
   ModeAb;"
8      // Notes: AxisName has to match the name defined in motion configuration.
   AxisNo has to be unique in range defined in MOTIF_CONFIG.
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10
11
12      Axis_Y : MB_AXISIF_REF := ( AxisName := 'Axis_Y' , AxisNo := 1 ) ;
13
14
15
16      // Step 2: Add the above declared Axis-Refs into this list, that is forwarded
   to TE_AxisInterfaceMainProg(). The order does not matter.
17      AXIF_CONFIG_INDEXES : ARRAY [ MOTIF_CONFIG . MIN_AXIS_INDEX .. MOTIF_CONFIG .
   MAX_AXIS_INDEX ] OF MB_AXISIF_REF := [ Axis_Y ] ; //,Axis_X
18
19
20
21  END_VAR
22
```