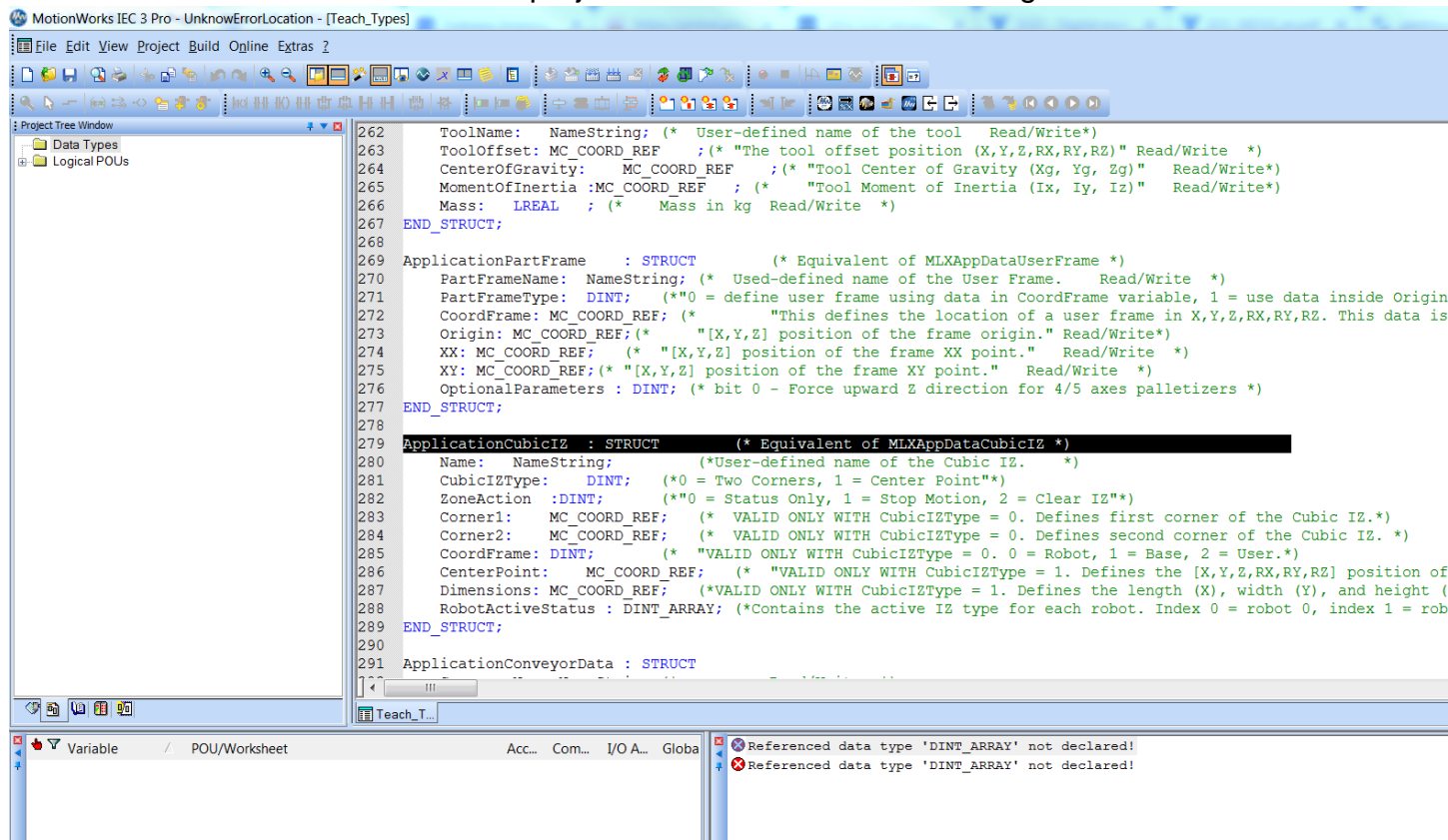


**Title:** Where Is the Compile Error Location When Double-Clicking On It?**Product(s):** MP3200iec, MP2300iec, MP2600iec, MP3300iec, MotionWorks IEC**Doc. No.** CNT-2O6FLS

When errors occur while compiling a MotionWorks IEC project, double-clicking on that error will typically open up a worksheet at the spot of the error. Occasionally, however, there is no indication of where in the project that worksheet is. See image below.

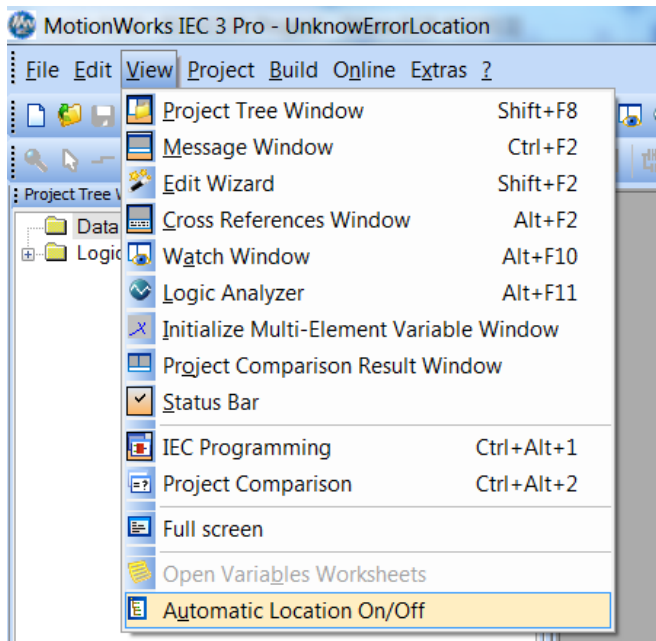


This can often times be rectified by turning on “Automatic Location” in the View menu of MotionWorks IEC. See image below.

**Title:** Where Is the Compile Error Location When Double-Clicking On It?

**Product(s):** MP3200iec, MP2300iec, MP2600iec,  
MP3300iec, MotionWorks IEC

**Doc. No.** CNT-2O6FLS



After turning on “Automatic Location”, double-click on the error to open up the worksheet. Then, expand the project tree to show where the worksheet is located. See image below.

**Title:** Where Is the Compile Error Location When Double-Clicking On It?

**Product(s):** MP3200iec, MP2300iec, MP2600iec,  
MP3300iec, MotionWorks IEC

**Doc. No.** CNT-2O6FLS

```

250     TCPCoordinates: VECTOR; (* "An array defining the [X, Y, Z, RX, RY, RZ]
251     PoseDetails : PoseStruct;
252 END_STRUCT;
253
254 UserRecordedPointArray : ARRAY[0..19] OF UserRecordedCoordinate;
255
256 ApplicationJob : STRUCT (* Equivalent of MLXAppDataJob *)
257     Name : NameString;
258     UserRecordedPoint : UserRecordedPointArray;
259 END_STRUCT;
260
261 ApplicationTool : STRUCT (* Equivalent of MLXAppDataTool *)
262     ToolName: NameString; (* User-defined name of the tool Read/Write*)
263     ToolOffset: MC_COORD_REF ;(* "The tool offset position (X,Y,Z,RX,RY,RZ)" I
264     CenterOfGravity: MC_COORD_REF ;(* "Tool Center of Gravity (Xg, Yg, Zg)" I
265     MomentOfInertia :MC_COORD_REF ; (* "Tool Moment of Inertia (Ix, Iy, Iz)'
266     Mass: LREAL ; (* Mass in kg Read/Write *)
267 END_STRUCT;
268
269 ApplicationPartFrame : STRUCT (* Equivalent of MLXAppDataUserFrame *)
270     PartFrameName: NameString; (* Used-defined name of the User Frame. Read/
271     PartFrameType: DINT; (*"0 = define user frame using data in CoordFrame va
272     CoordFrame: MC_COORD_REF; (* "This defines the location of a user fran
273     Origin: MC_COORD_REF;(* "[X,Y,Z] position of the frame origin." Read/Writ
274     XX: MC_COORD_REF; (* "[X,Y,Z] position of the frame XX point." Read/Writ
275     XY: MC_COORD_REF;(* "[X,Y,Z] position of the frame XY point." Read/Write
276     OptionalParameters : DINT; (* bit 0 - Force upward Z direction for 4/5 axes
277 END_STRUCT;
278
279 ApplicationCubicIZ : STRUCT (* Equivalent of MLXAppDataCubicIZ *)

```

Referenced data type 'DINT\_ARRAY' not declared!  
Referenced data type 'DINT ARRAY' not declared!

If nothing happens when you double-click on the compile error, then that means that the error is located in a password-protected portion of the project, most likely a library.