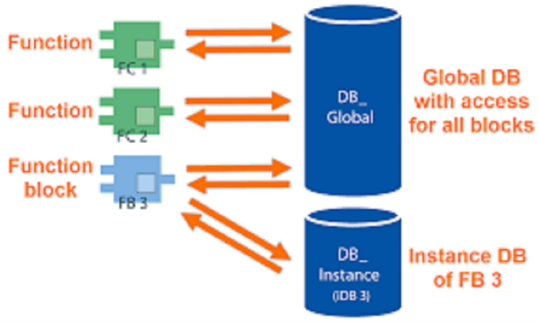
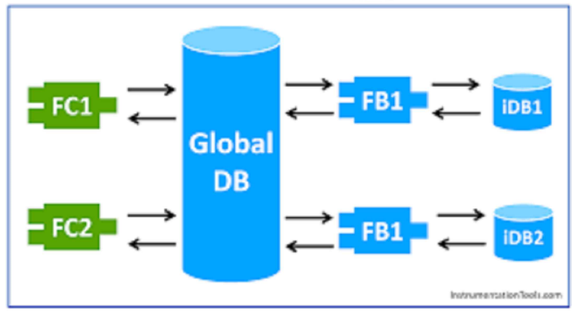
GLOBAL DATA BLOCK

Data type and structure explaination 6.7.2025





Di dalam kaedah lain untuk memahami setiap jenis dan fungsi saya mengunakan contoh kenderaan

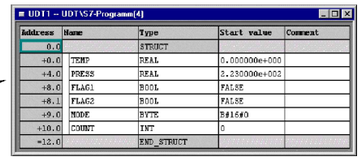
1.UDTs	-Pemandu kereta	= Program yang diatur untuk memandu kenderaan sesuai objectif
2.FCs	-Gear kereta	=bahagian yang telah di tetapkan mengikut ratio
3.OBs	-kereta	=Komponen yang dipasang menjadi sebuah kereta
4.FBs	-komponen lengkap	=satu komponen lengkap yang digabungkan dari alat ganti
5.DBs	-Alat ganti kenderaan	=bahan yang akan dipasang menjadi komponen lengkap

Note prepared by:
Fendy@9w2wbi.com

Extension data type

1.UDTs Program Logic
2.FCs Frame check sequence
3.OBs Object Block
4.FBs Function Block
5.DBs Data Block

1.SAMPLE UDTs (Program Logic)



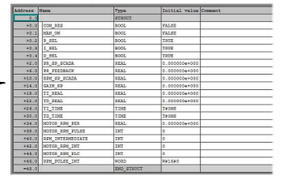
SAMPLE TABLE

2.SAMPLE FCs Frame check sequence

NAME	ADRESS	TYPE	COMMENT
STEP 1	M:1.0	BOOL	Sequence Step 1
STEP 2	M:1.1	BOOL	Sequence Step 2
STEP 3	M:1.2	BOOL	Sequence Step 3
SEQ END	M:1.3	BOOL	Sequence End
TRANS COND S1	M:1.4	BOOL	Sequence Transition Condition Step 1
TRANS COND S2	M:1.5	BOOL	Sequence Transition Condition Step 2
TRANS COND S3	M:1.6	BOOL	Sequence Transition Condition Step 3

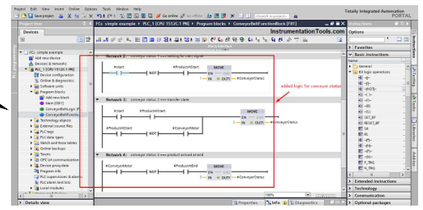
SAMPLE TABLE

3.SAMPLE OBs Object Block



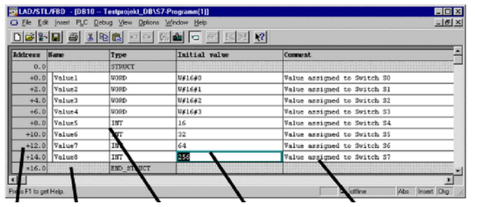
SAMPLE TABLE

4.SAMPLE FBs Function Block



SAMPLE TABLE

5.SAMPLE DBs Data Block



SAMPLE TABLE

Call structure of PLC S7-1500

	Call structure	!	Address	Details
1	Main		OB1	
2	FB_PrepareNextOrder, DB_FB_PrepareNextOrder		FB1, DB4	@Main ▸ NW1
3	DB_OrderList		DB2	@FB_PrepareNextOrder ▸ Program code
4	FC_PrepareOrder		FC3	@FB_PrepareNextOrder ▸ Program code
5	FC_PrepareHole		FC1	@FC_PrepareOrder ▸ Program code
6	DB_PunchList		DB3	@FC_PrepareHole ▸ Program code
7	DB_PunchList		DB3	@FC_PrepareHole ▸ Program code
8	DB_PunchList		DB3	@FC_PrepareHole ▸ Program code
9	DB_PunchList		DB3	@FC_PrepareHole ▸ Program code
10	FC_PrepareWindowFlexible		FC5	@FC_PrepareOrder ▸ Program code
11	DB_PunchList		DB3	@FC_PrepareWindowFlexible ▸ Program code
12	DB_PunchList		DB3	@FC_PrepareWindowFlexible ▸ Program code
13	DB_PunchList		DB3	@FC_PrepareWindowFlexible ▸ Program code
14	DB_PunchList		DB3	@FC_PrepareWindowFlexible ▸ Program code
15	FC_PrepareWindowStatic		FC2	@FC_PrepareOrder ▸ Program code
16	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
17	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
18	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
19	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
20	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
21	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
22	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
23	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
24	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
25	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
26	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
27	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
28	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
29	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
30	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
31	DB_PunchList		DB3	@FC_PrepareWindowStatic ▸ Program code
32	UDT_Hole		UDT1	@FC_PrepareOrder ▸ Program code
33	UDT_RectangleWindowFlexible		UDT3	@FC_PrepareOrder ▸ Program code
34	UDT_RectangleWindowStatic		UDT2	@FC_PrepareOrder ▸ Program code
35	FC_SwapOrderList		FC4	@Main ▸ NW2
36	DB_OrderList		DB2	@FC_SwapOrderList ▸ Program code
37	FB_PrepareNextOrder, #OrderList		FB1	Block interface
38	DB_OrderList		DB2	@FB_PrepareNextOrder ▸ Program code
39	FC_PrepareOrder		FC3	@FB_PrepareNextOrder ▸ Program code
40	MOVE_BLK_VARIANT		FC900	@FC_SwapOrderList ▸ Program code
41	OrderRepository		DB6	@Main ▸ NW2
42	OrderRepository		DB6	@Main ▸ NW2
43	DB_OrderHole (Data block derived from UDT_Hole)		DB1	