

# What is new in ASAM GDI V4.4.0 ?

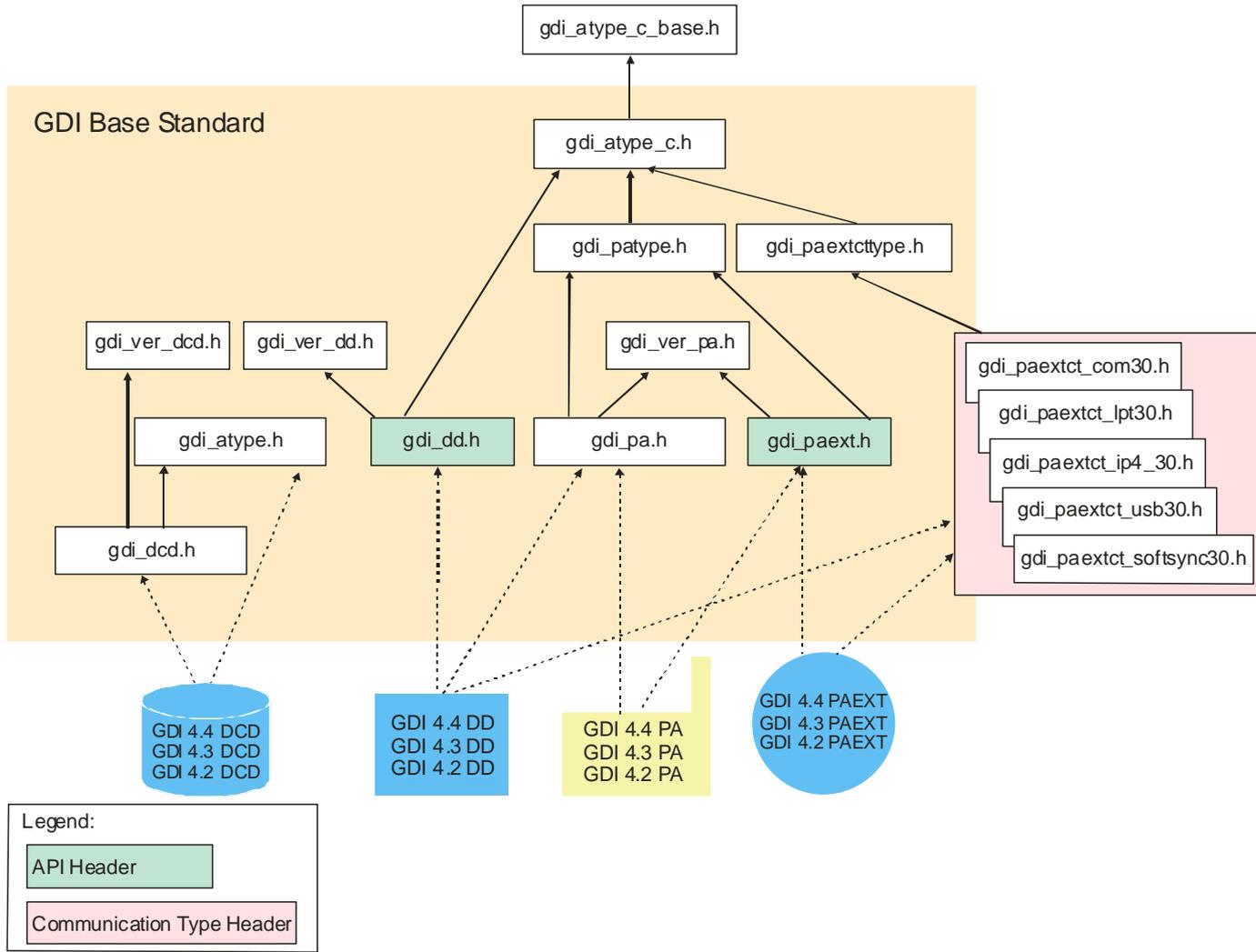
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# Content

- Version independent file naming (standard header, ASAM Datatypes and Extension Communication types)
- Access to DIT Error text by Application via Coordinator
- Sequences within unions allowed
- DIP Group handling simplified (usage of unlimited sequences, no replacement type for sequence anymore)
- Equal handling of limited and unlimited sequences (allocation, reallocation [extending, diminishing or identical length]) and (take over the user data directly as memory area or evaluate the data, without influencing the data memory)
- DIT/DII Format changed from ASCII to UTF8
- instead of DIT/DII short and long references only middle reference shall be used which consists of Area and Text number. The sub area is directly assigned by DCD keyword. Constants inside sub areas allowed.
- type declarations (enum, struct, union) use only one declarator at the end and not an additional identifier at beginning.
- Preprocessor directives for version independent file naming of DCD/DIT/DII
- No support of Standard and Control Coordinator Interface any more

# Include hierarchy



# File Naming

Name GDI 4.3.2	Name GDI 4.4.0
---	gdi_atype_c_base.h
gdi_data_c.h	gdi_atype_c.h
---	gdi_patype.h
---	gdi_paextcttype.h
pa4_3.h	gdi_pa.h
	gdi_ver_pa.h
paext4_3.h	gdi_paext.h
pa.h	
gdi4_3.h	gdi_dd.h
	gdi_ver_dd.h
gdi_data.h	gdi_atype.h
dcd4_3.h	gdi_dcd.h
	gdi_ver_dcd.h
gdi_error4_3.h	dd_error.hpp
gdi_error4_3.cpp	dd_error.cpp
com_error4_3_de.dit	gdi_baseerror_de.dit
com_error4_3_en.dit	gdi_baseerror_en.dit
pa_ver.h	
---	DIT_AreaConstants.h