status ELDA: next tasks

- test Problem reported by Aldo about iterative bsc
- test measurements with quality flags

status ELDAmwl

- added in-code documentation for auto documentation
- added manual documentation
  - how to add or replace calculus subsystems
  - description
  - examples
- implemented command line functionality
- backscatter calibration like in ELDA
- Volker proposed strategy for public repository, documentation and auto testing
- current work:
  - extinction profiles
  - backscatter profiles

New / modified db tables
measurements

#	Name	Datentyp	Länge/SET	Vorzeich...	Erlaube NULL	Zerofill	Standard
1	**ID**	**VARCHAR**	**15**	☐	☐	☐	Kein Stand
2	__hoi_stations__ID	CHAR	3	☐	☑	☐	NULL
3	_hoi_system_ID	INT	11	☐	☐	☐	'0'

#	Name	Datentyp	Länge/SET	Vorzeic...	Erlaube ...	Zerofill	Standard
1	**num_id**	**INT**	**11**	☐	☐	☐	**0**
2	ID	VARCHAR	15	☐	☐	☐	
3	__hoi_stations__ID	CHAR	3	☐	☑	☐	NULL
4	_hoi_system_ID	INT	11	☐	☐	☐	0

→ should not require changes in other modules, but needs to be tested !!!
(but we already plan to clean up the db structure)

next steps ELDAmwl

- proposal for improved database structure (SCC db)
- general solution for algorithm-dependent effective vertical resolution
- autosmooth
- lidar ratio