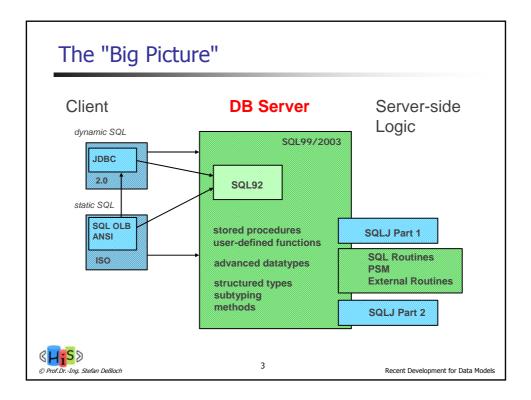
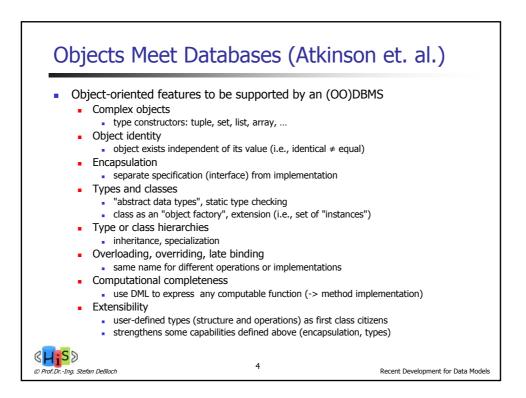
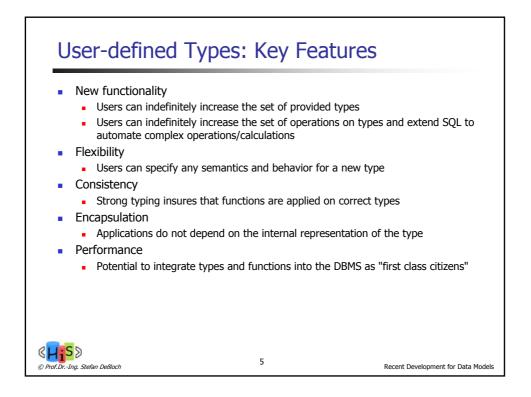
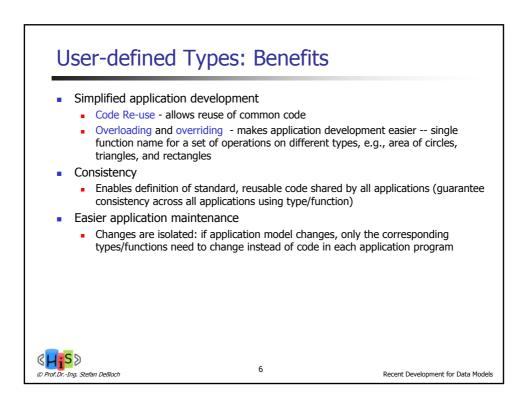


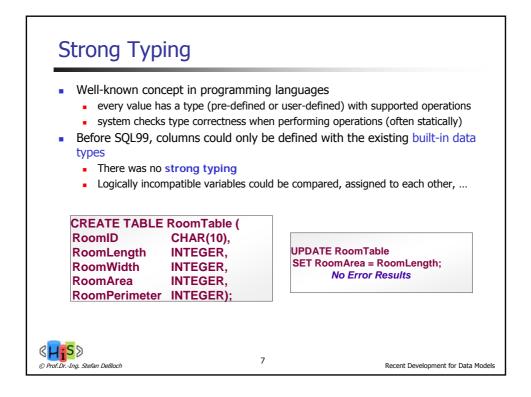
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Overv I. Objec: 1. User- 2. Objec: 3. User- 4. Applic 5. Objec: II. Onlin 6. Data / 7. Windo III. XML 8. XML a 9. SQL/X 10. XQuer IV. More	iew t-Relational Datab defined Data Type t-relational Views an defined Routines and ation Programs and t-relational SQL and te Analytic Process Analysis in SQL ows and Query Funct nd Databases (ML	es and Typed Tabl d Collection Types d Object Behavior Object-relational Ca Java sing tions in SQL	pabilities
© Prof.DrIng. Stefan De	ßloch	2	Recent Development for Data Models

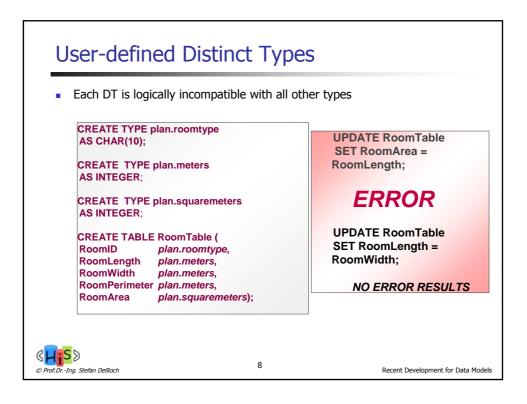


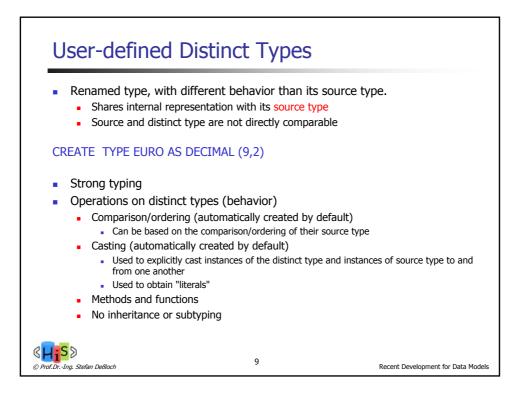


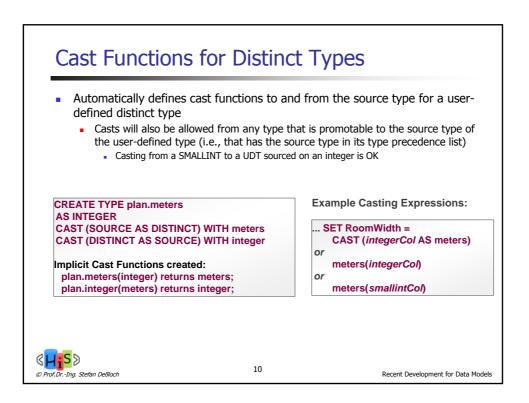


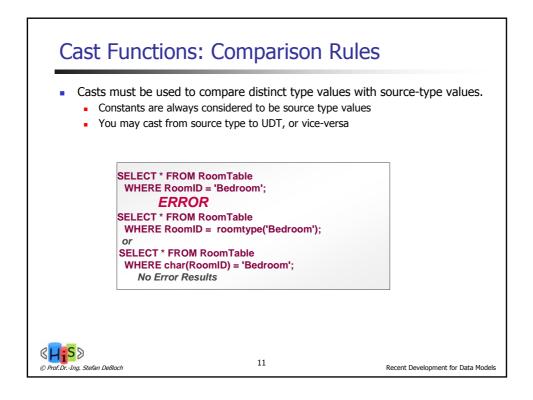


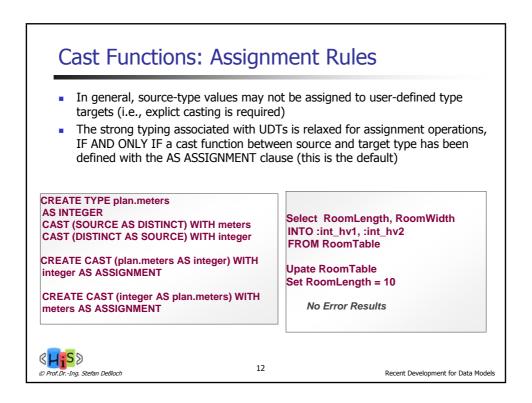


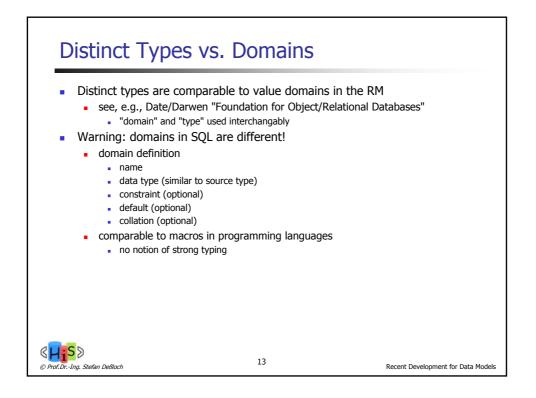


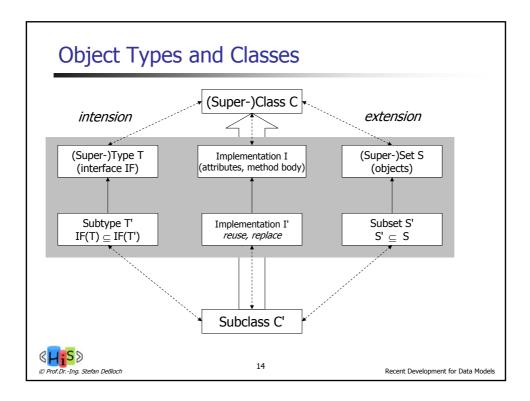


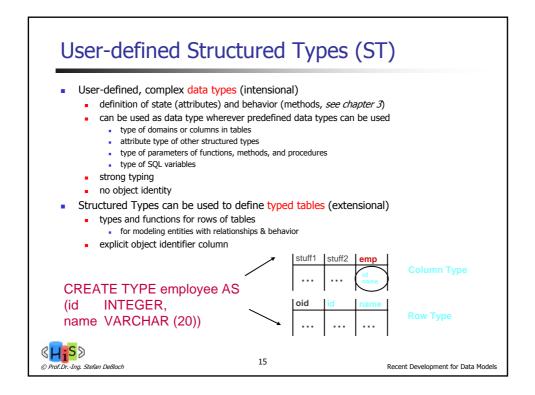


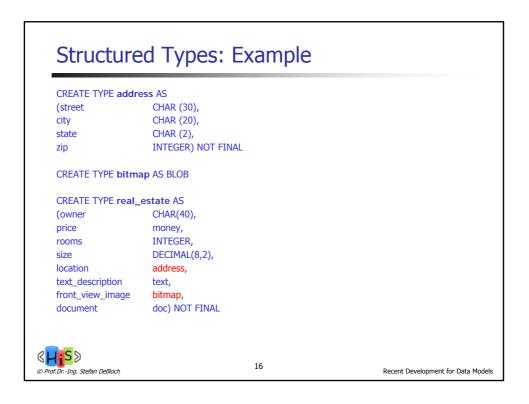


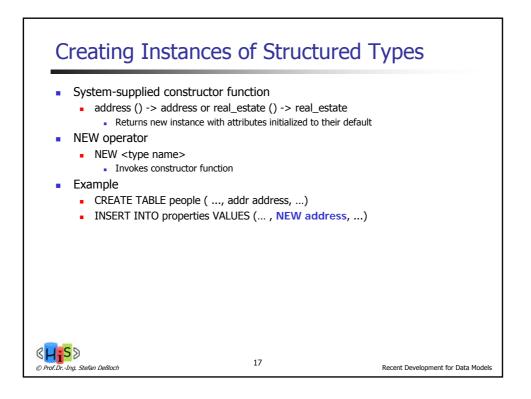


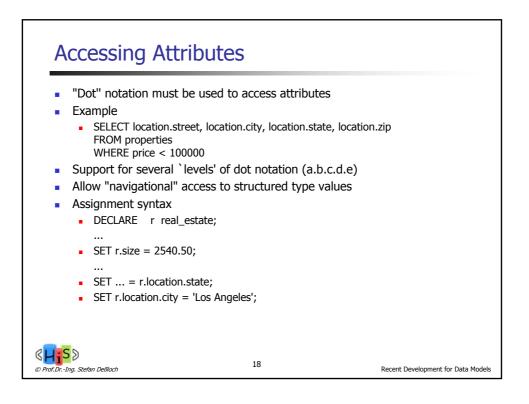


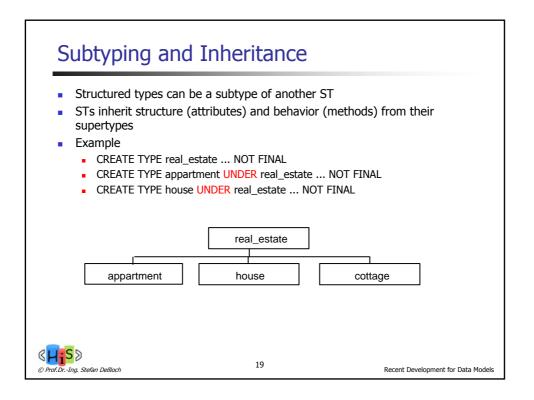


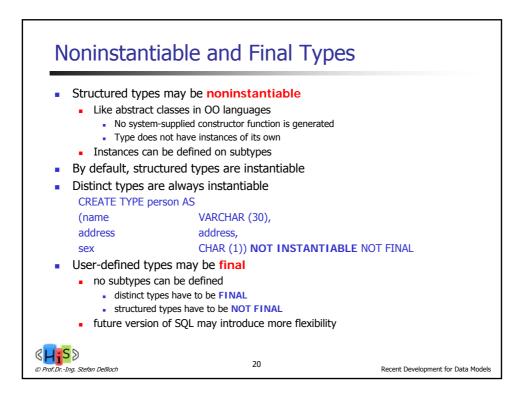


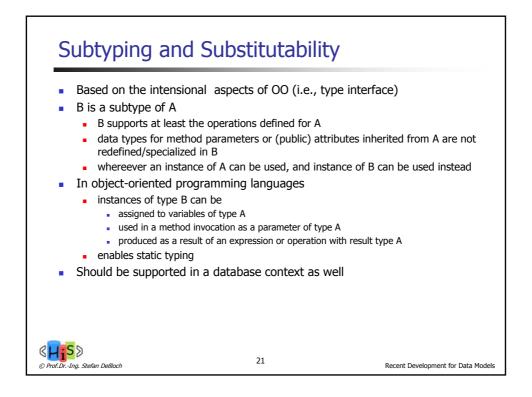


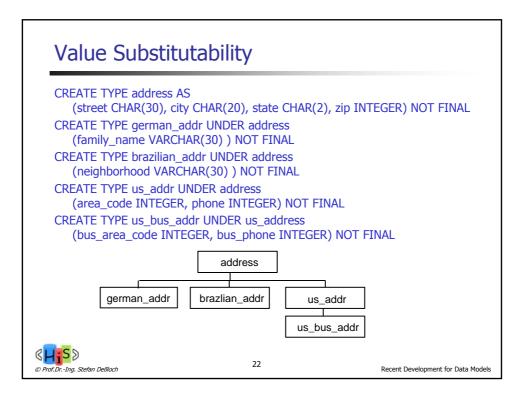


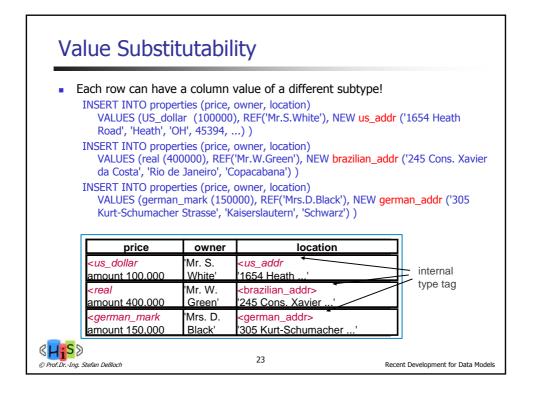


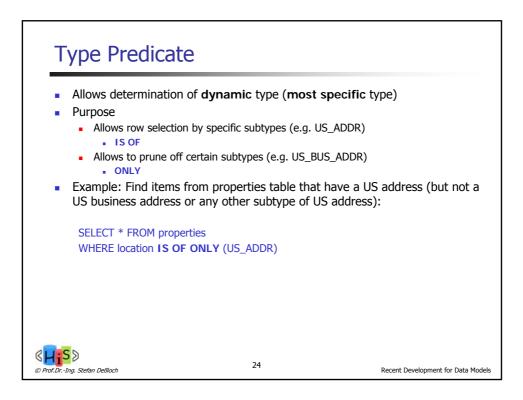


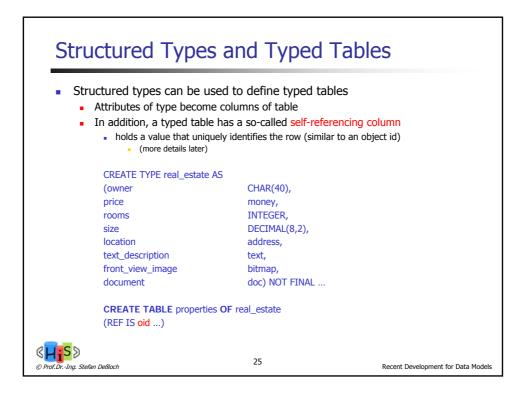


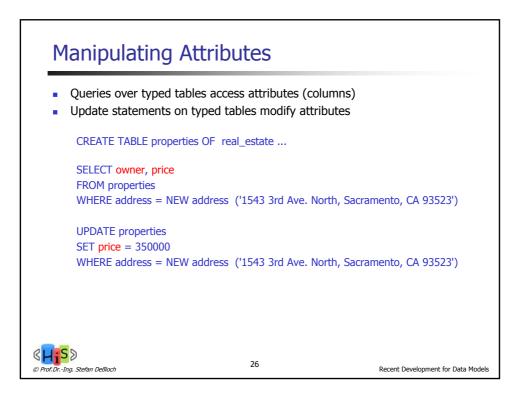


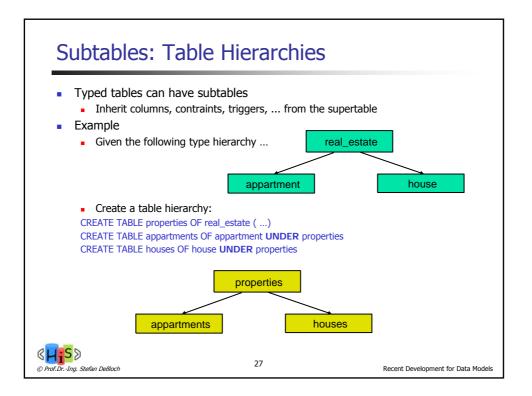


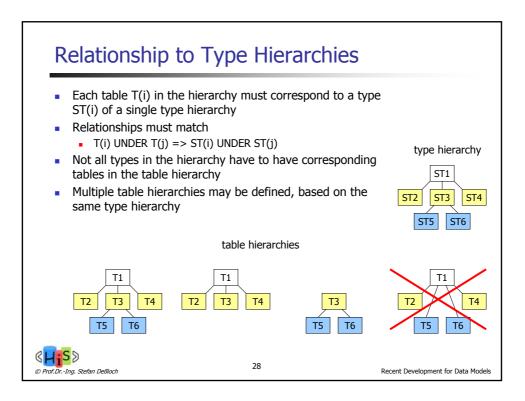


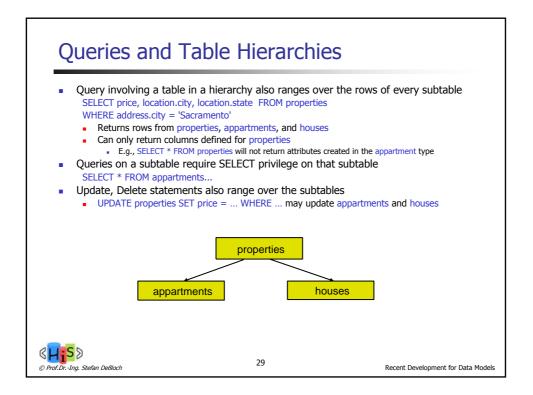


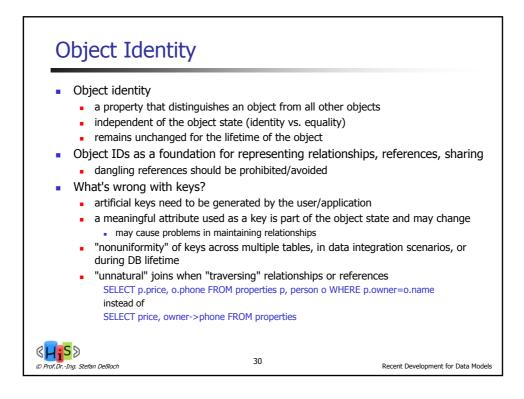


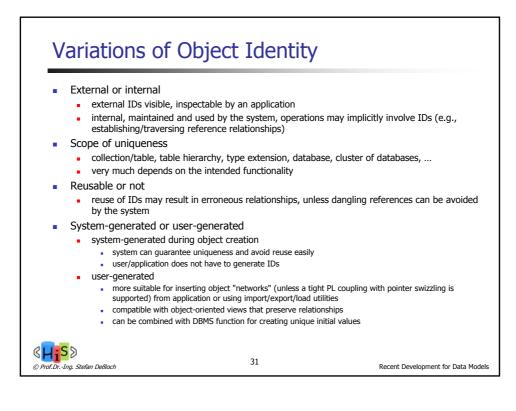


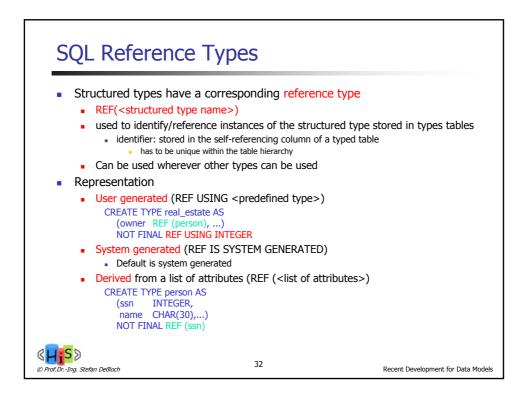












self-referencing column (SRC)	SYSTEM GENERATED	USER GENERATED	DERIVED (c1,, c
uniqueness	UNIQUE, NOT NULL is implicit	UNIQUE, NOT NULL is implicit	UNIQUE, NOT NUL is implicit, (c1,cn has to be UNIQUE, NOT NULL as well
id value generation	automatic	by user/application during INSERT	automatic (based c c1,cn)
id update	not permitted	not permitted	not permitted, but c1,, cn can be updated
id reuse	can be prohibited by the DBS	has to be prohibited/controlled by application	has to be prohibited/controlle by application

