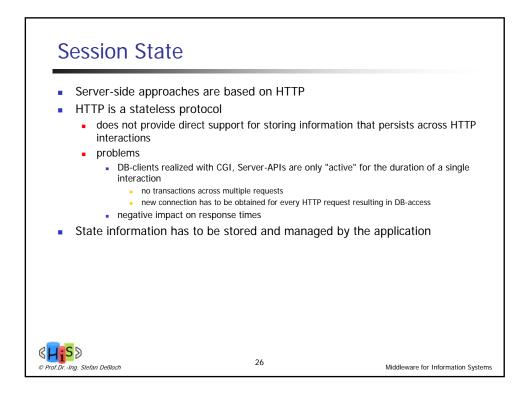
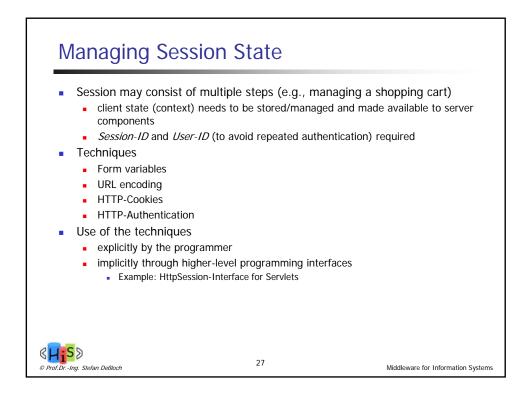
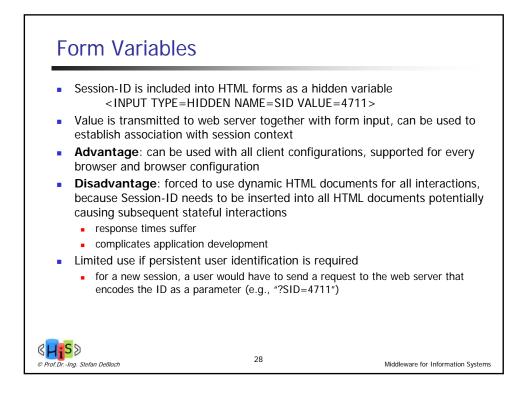
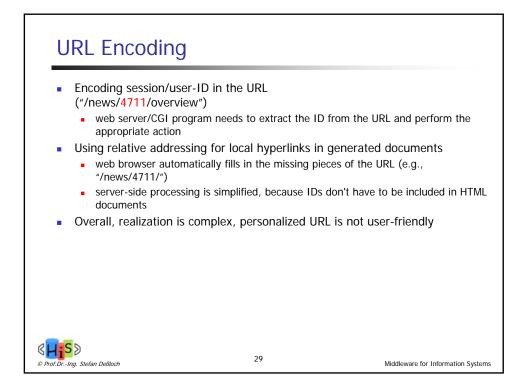


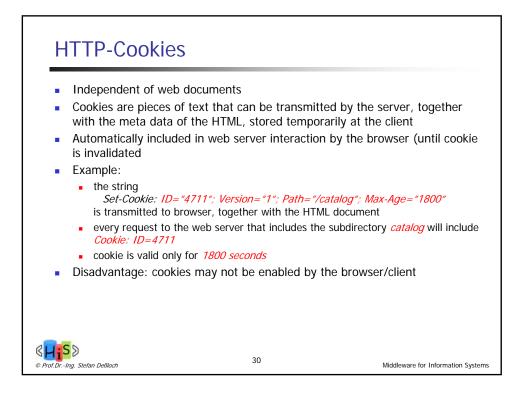
Compan	son of approaches Programming	Integration	Macro
Advantage	fast, possibly small program; optimally adjusted to specific requirements.	Improved readability through placement of SQL commands at intended location of result data; HTML editor may support creation, modification of document; Access to only one file.	HTML document can be manipulated using HTML editor *; Organized specification of all SQ statements; Reuse of SQL statements possible *; Faster parsing due to smaller file size *.
Disadvantage	inflexible, changes may require recompilation; separate program for each task.	Mix of SQL and HTML may become confusing for more complex, non-trivial applications.	Readability suffers due to separation of HTML and SQL inte different areas/files; Access to multiple files required *.

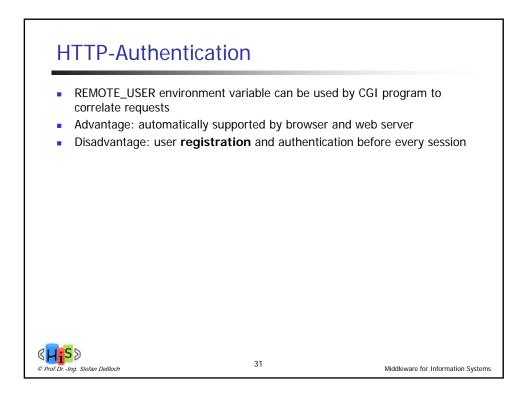












	Form variable	URL encoding	HTTP-Cookie	HTTP-Authentication
Pros	Independent of browser type and user preferences.	Independent of browser type and user preferences.	Automatic browser support; Independent of HTML document.	Automatic browser and web server support; Independent of HTML document.
Cons	Has to be included in every HTML page to be displayed by the browser; Dynamic HTML complicates application development.	Complex translation of HTTP requests.	User configuration needs to permit use of cookies.	Requires user registration and authentication.
■ f ■ i	lem with all techniqu or server-side terminat mportant for releasing suitable values for time	ion of session d server resource	ue to inactivity of us s	ser

