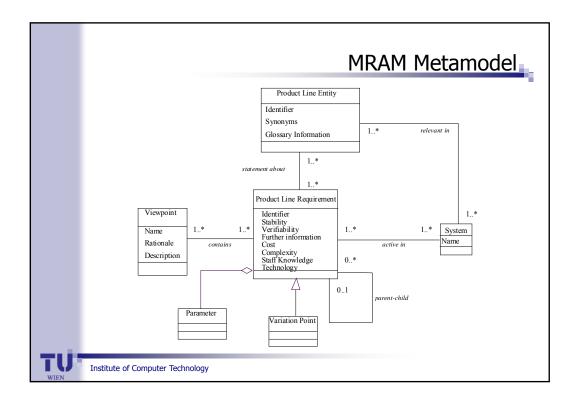
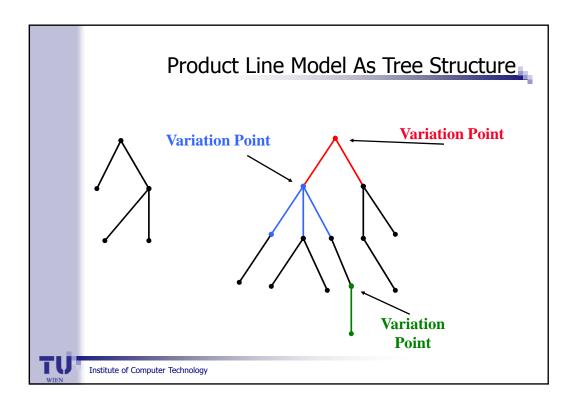
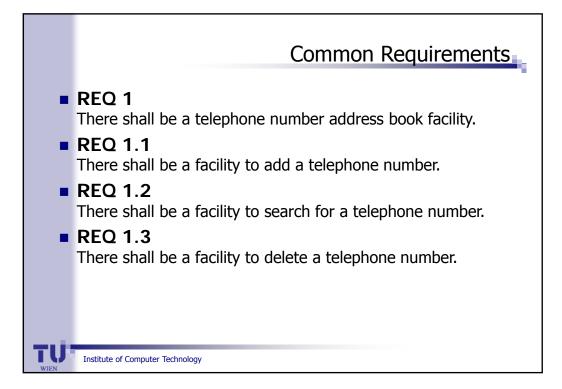
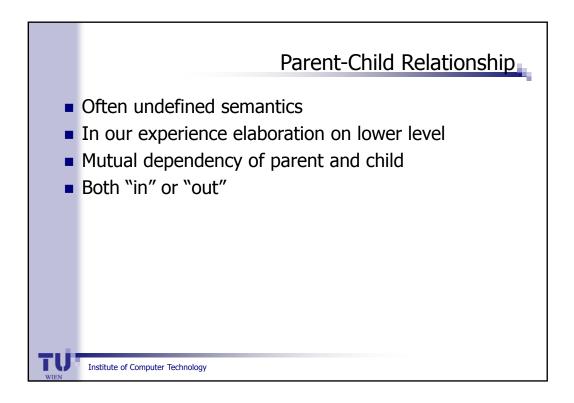


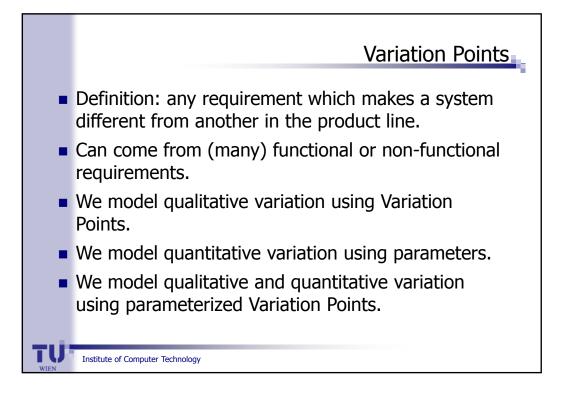
Software Reuse and Reusability

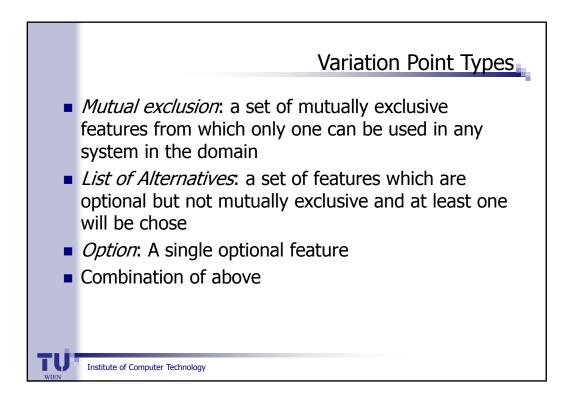


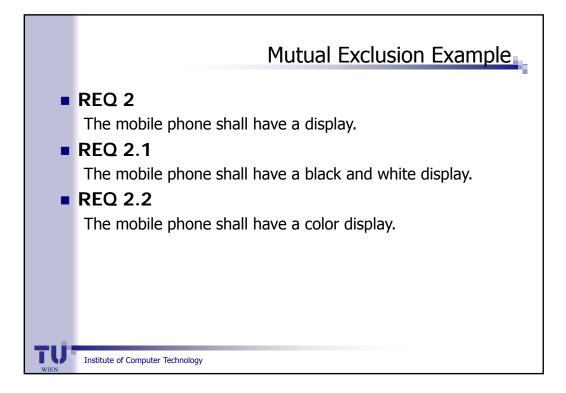


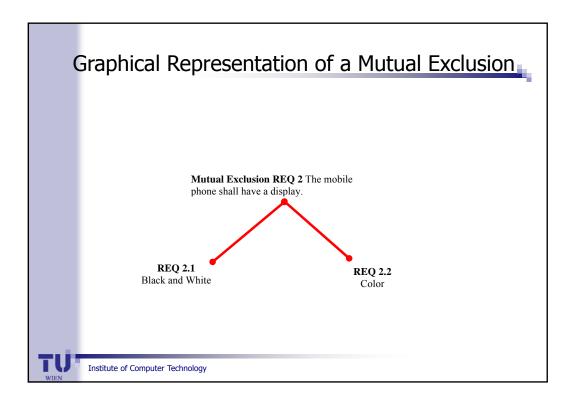


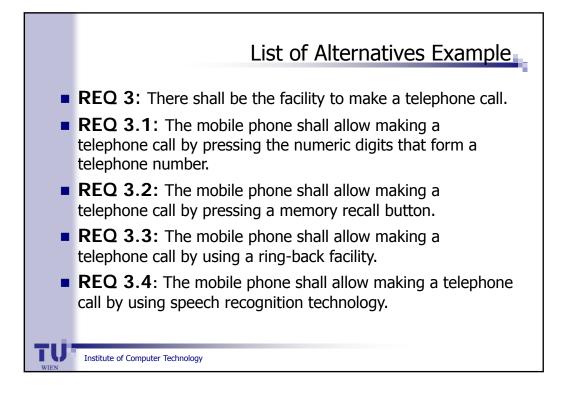


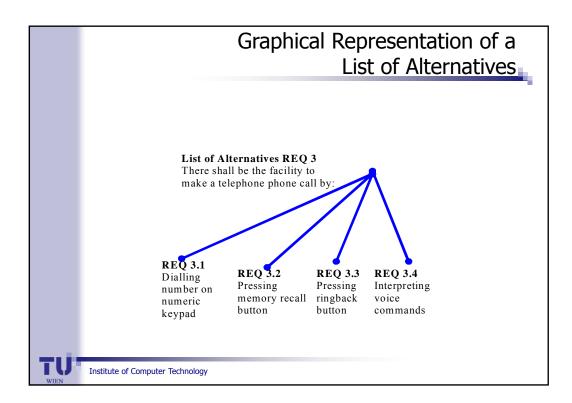


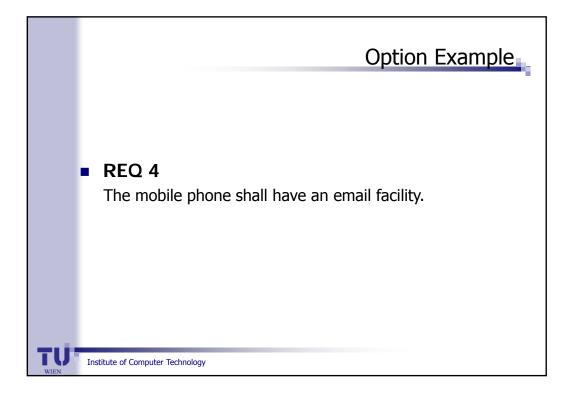


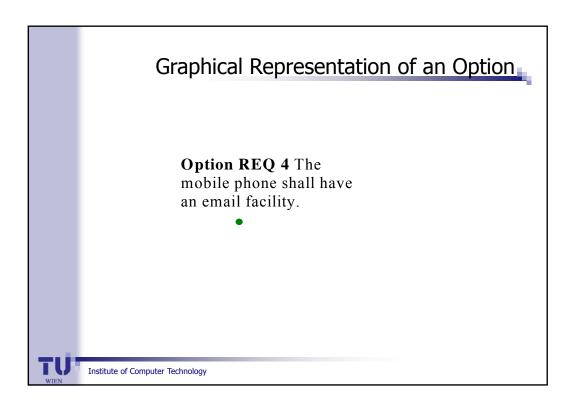


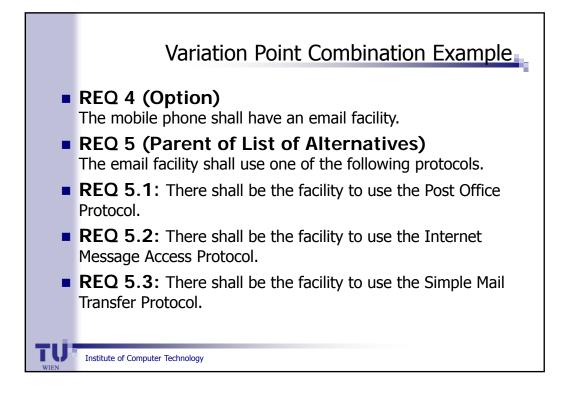


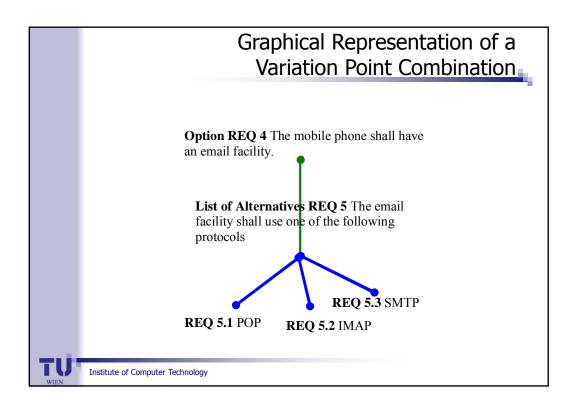


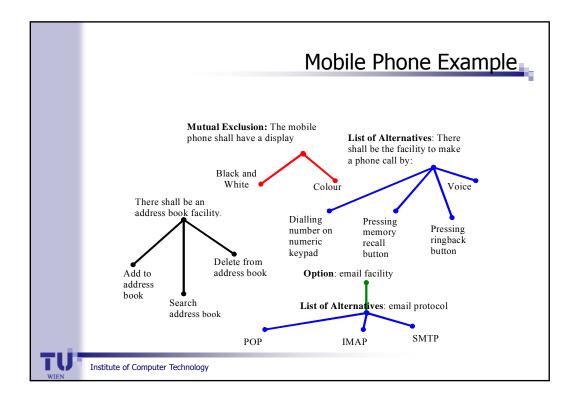


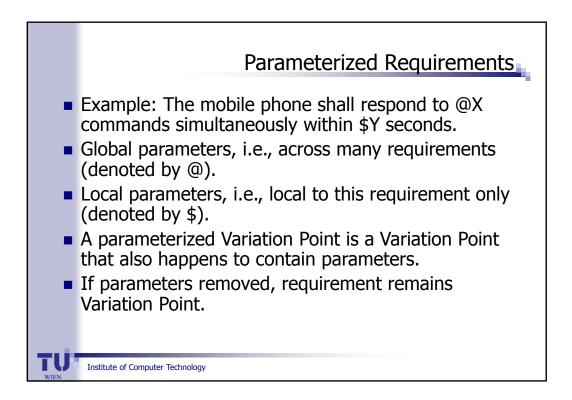


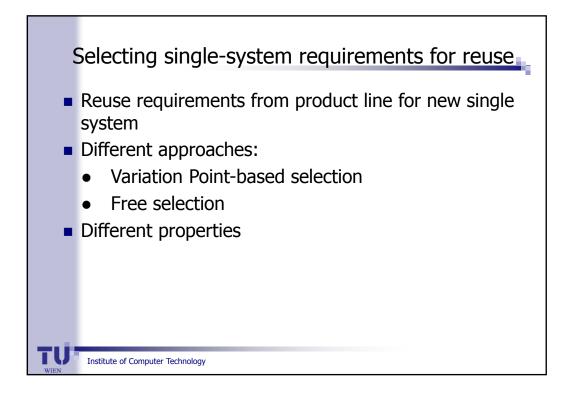


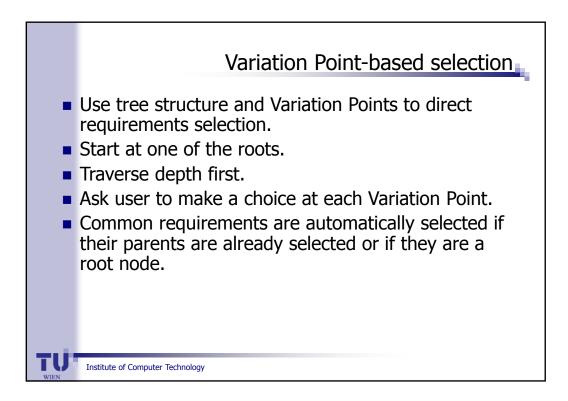


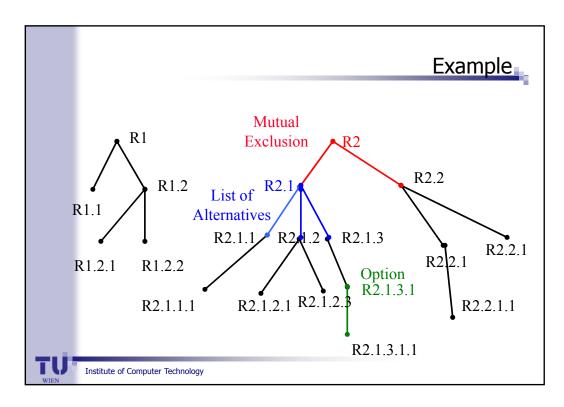


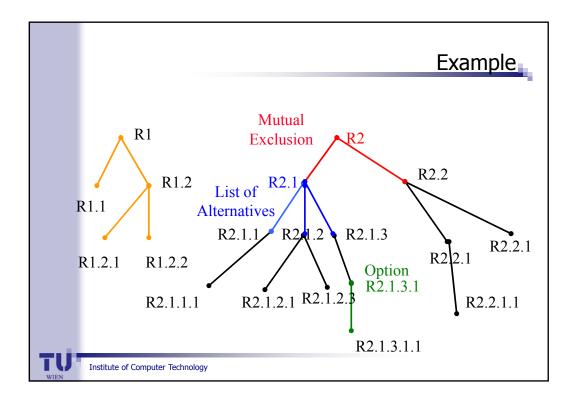


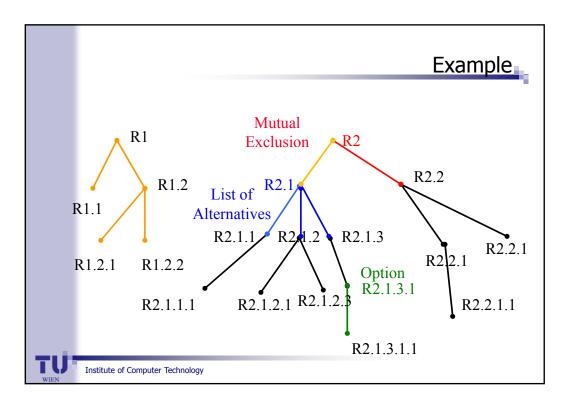


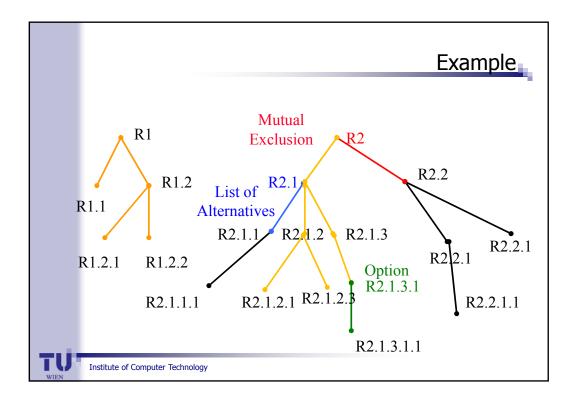


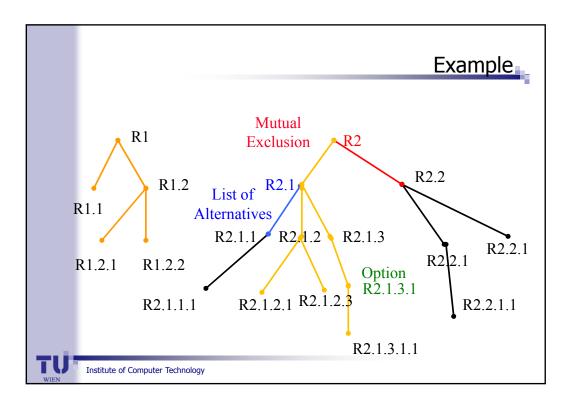


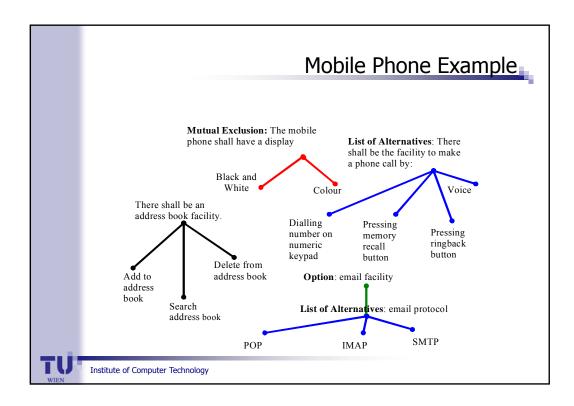


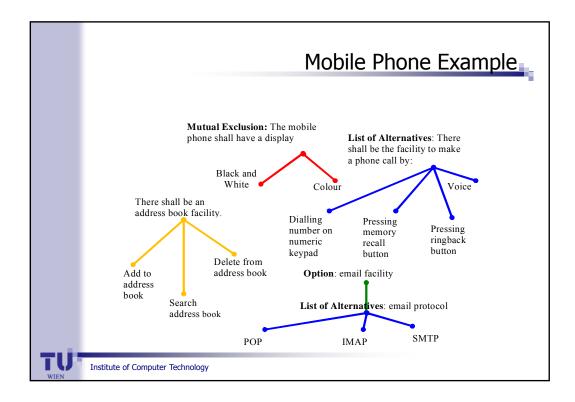


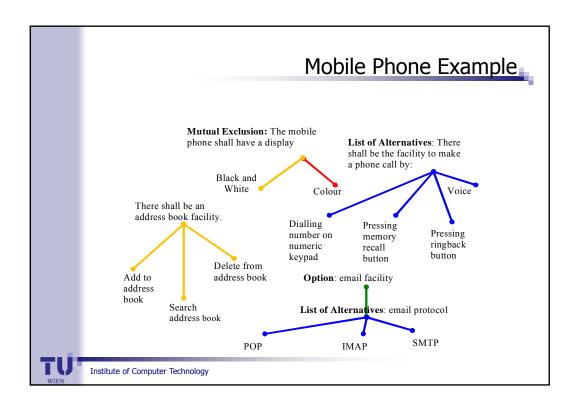


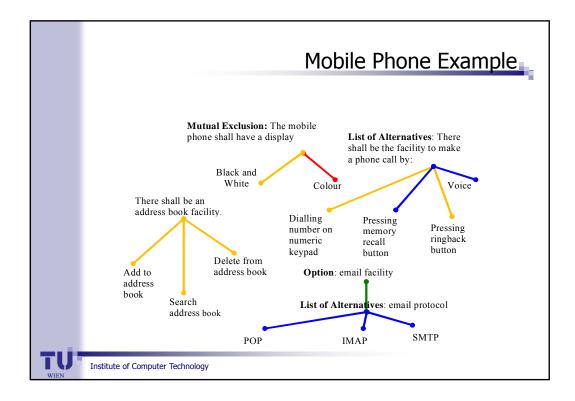


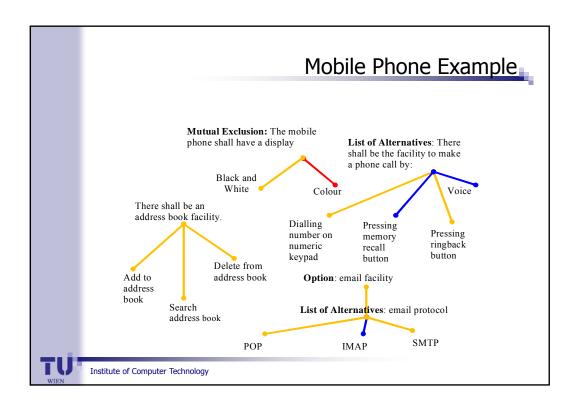


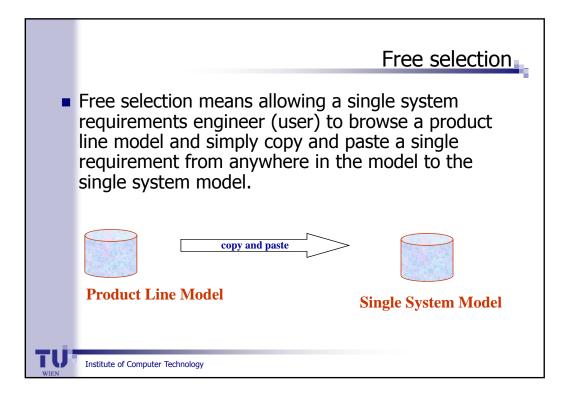


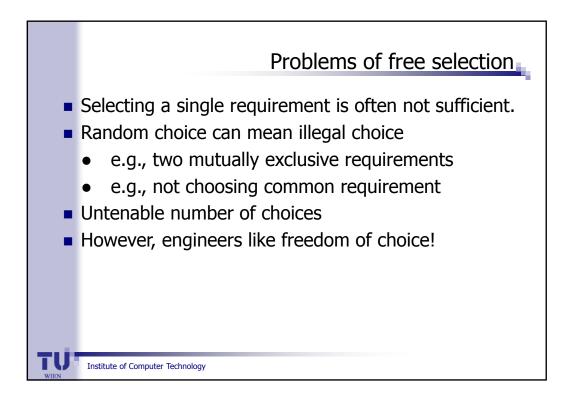




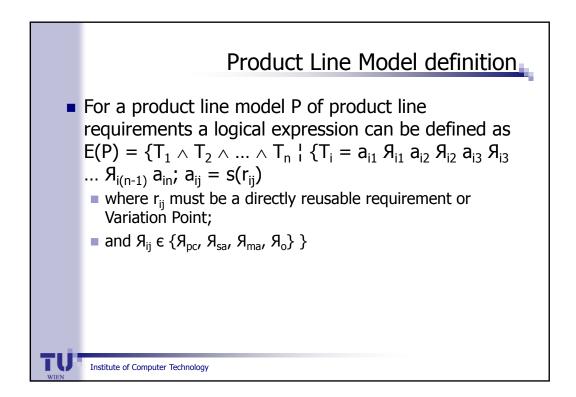


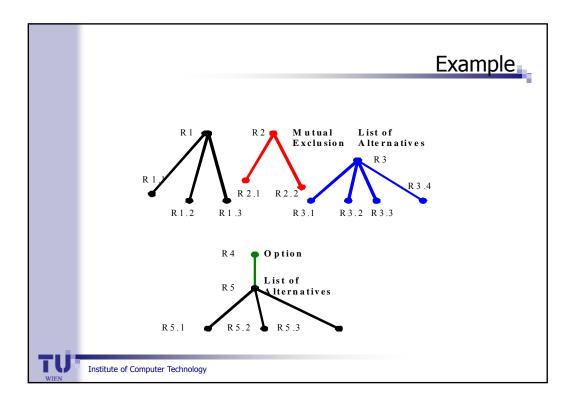


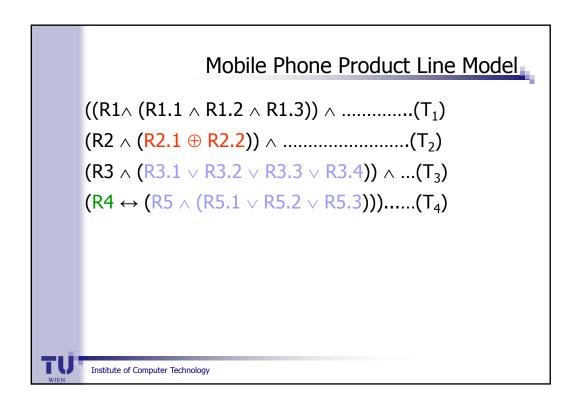


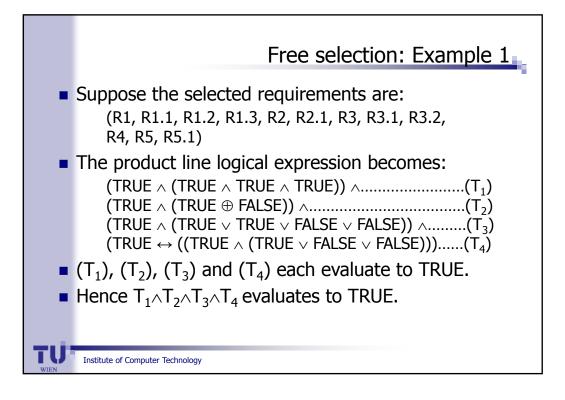


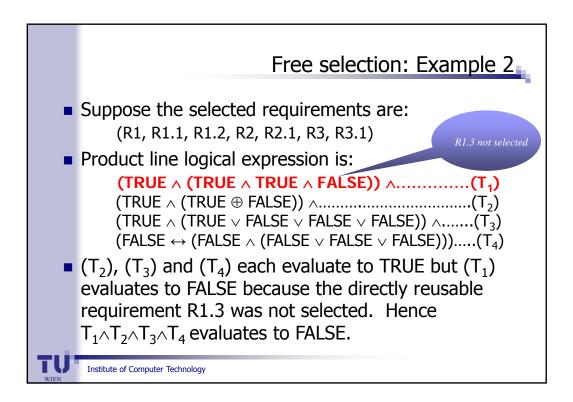
formal definit		
Product Line Relation	Formal Definition	
Product line model	$T_{1\wedge}T_{2\wedge\ldots\wedge}T_n$	
Tree (T)	а ₁ Я а ₂ Я Я а _n	
Parent-Child	$a_{i \land} a_{j}$	
Mutual Exclusion Variation Point	$\mathbf{a_i} \oplus \mathbf{a_j}$	
List of Alternatives Variation Point	$a_i \ _{\vee} a_j$	
Option Variation Point	$\begin{array}{c} (a_{i} \ _{\vee} \neg a_{j}) \text{ if } i=j, \\ (a_{i} \leftrightarrow a_{j}) \text{ if } i\neq j \end{array}$	

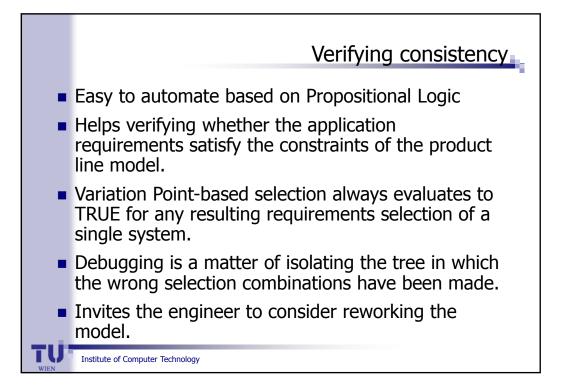


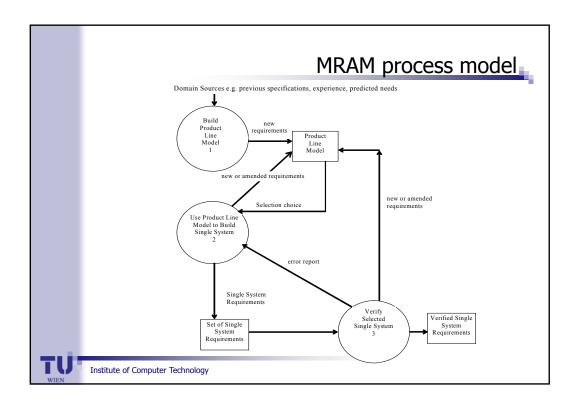


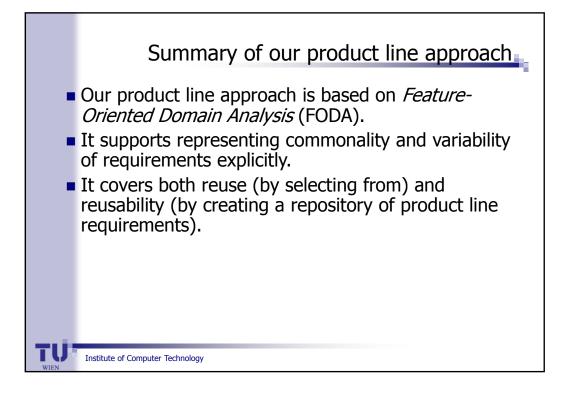


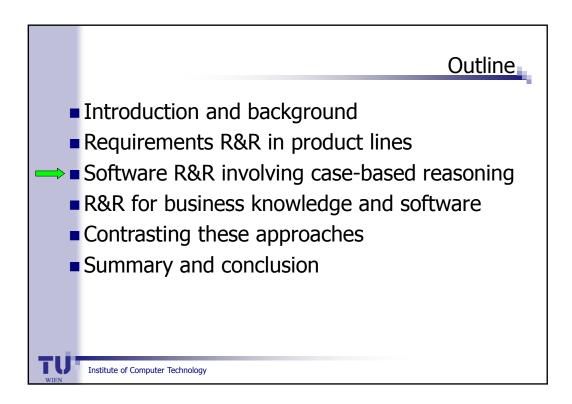


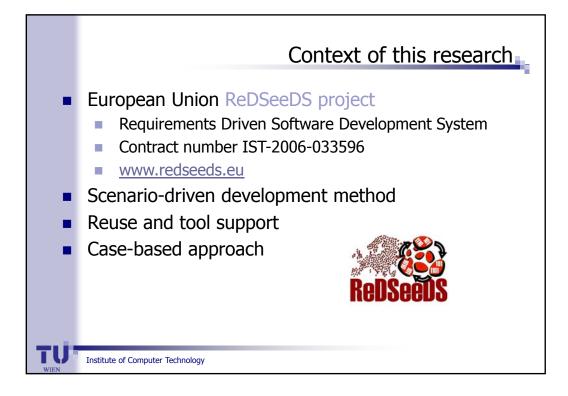


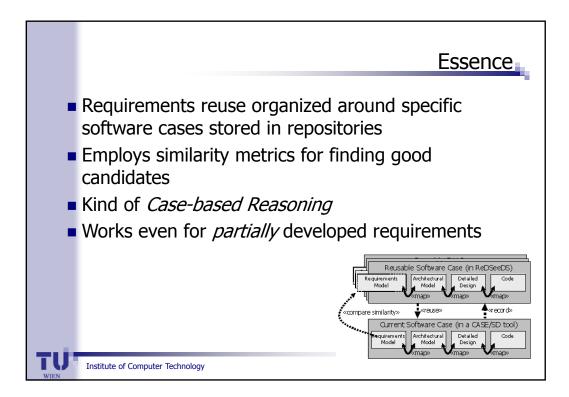


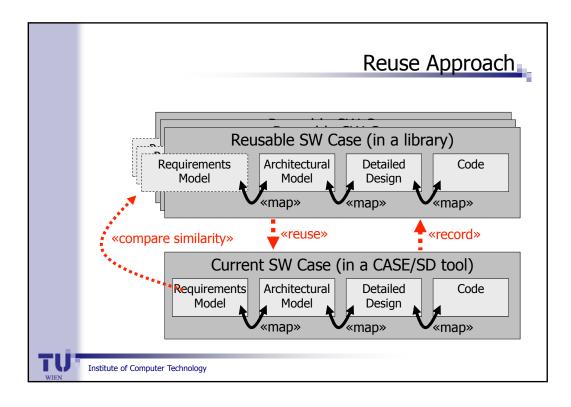


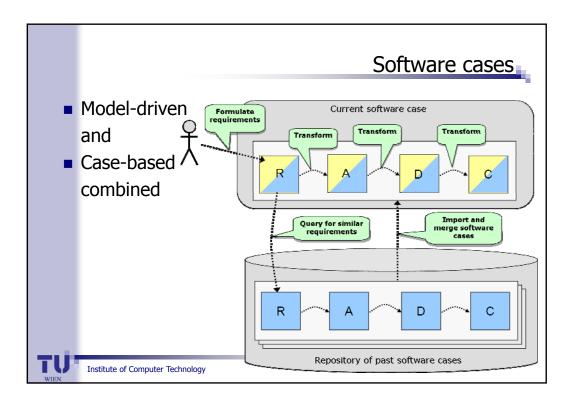


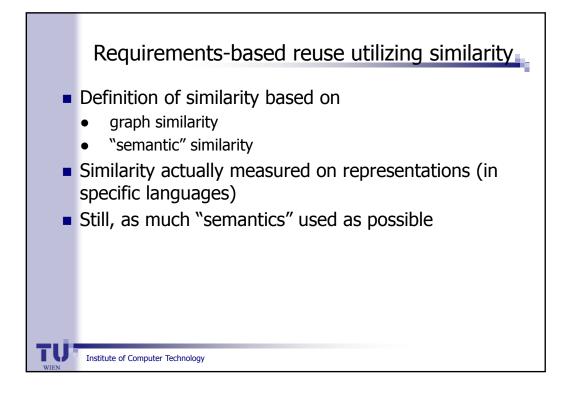


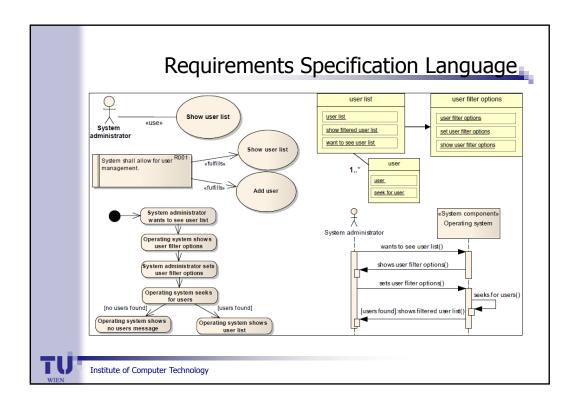


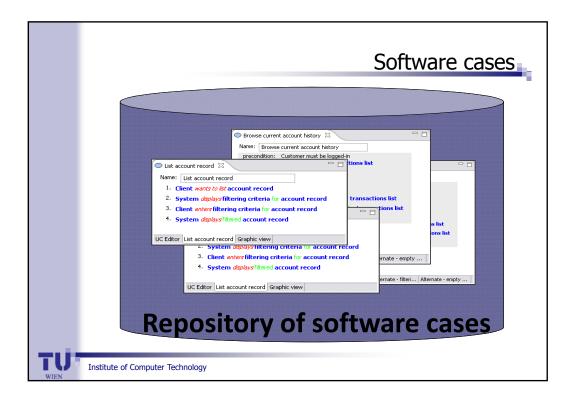


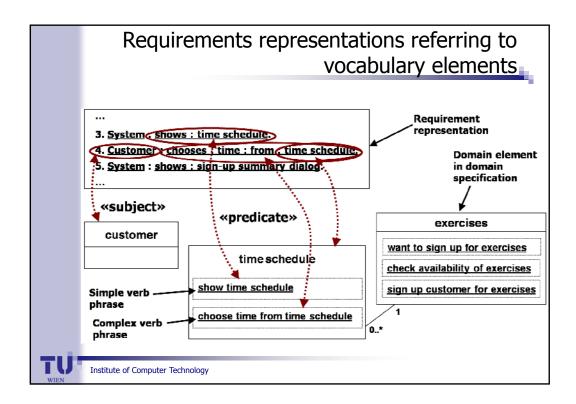


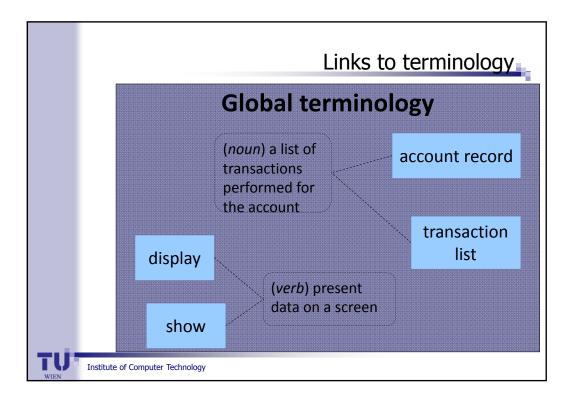


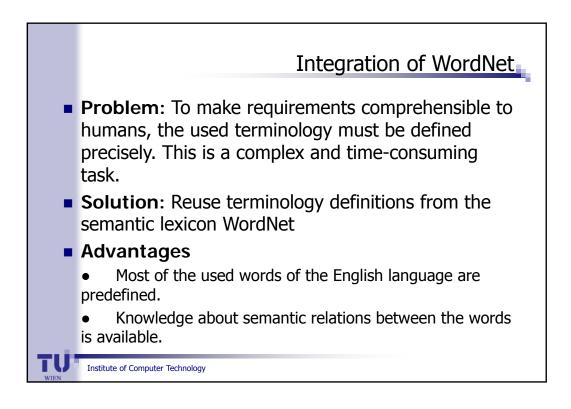


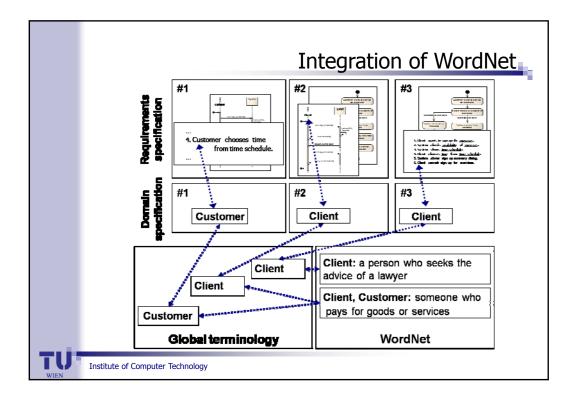


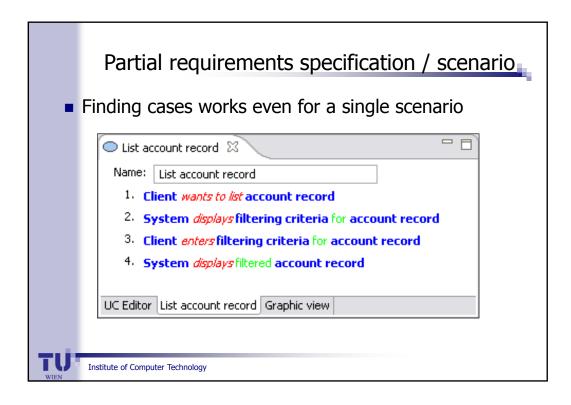






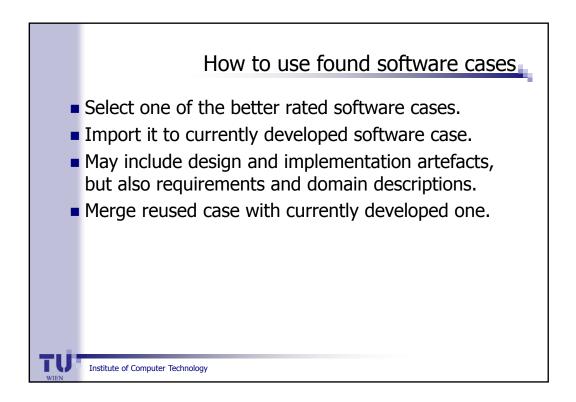


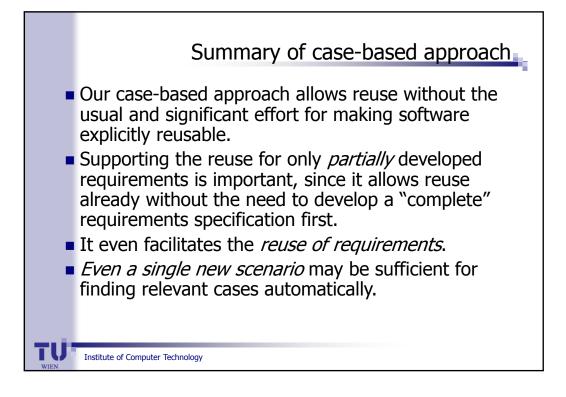


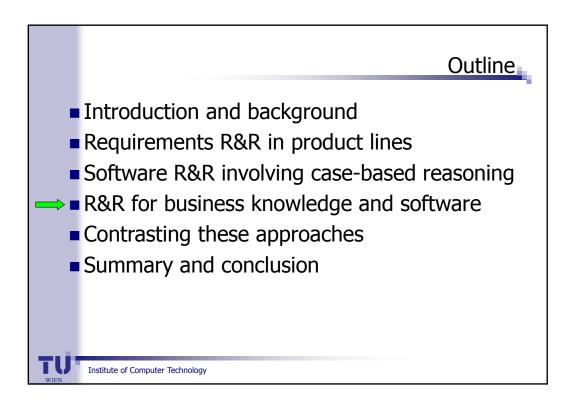


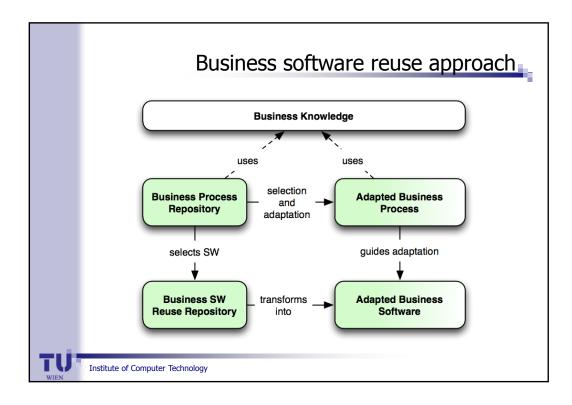
Software Reuse and Reusability

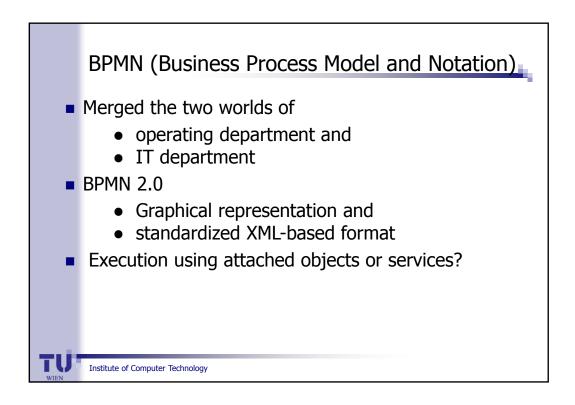
Software Cases	Results		
Software Case	Software Case	Similarity	
MaterialManagementSystem	Internet Banking 1	0.552716	1001
Credit Card Module 1	Internet Banking	0.572136	
Internet Banking 1	Internet Banking System		
GIS4EmergencyResponse	Internet Banking System		
Material Management System2			
e-Banking System			
Credit Card Module 0			
European and International Standard	is Ad.		
European Funding Administration Sys	tem		
PurchaseOrderSystem			
Investment Funds	✓		
<pre></pre>			
Similarity level 0,50 💮			7
🖉 Tasks 🖳 Console 🗖 SC Similarit	:y Result 🛛	- E	3)
Name		Similarity value	1
😑 🗁 e-Banking System			
😑 🛄 Requirements packages			
Account management			
😑 🗢 List account record		7704	
List account record	g/Accounts/Browse current account hist	ory 77%	
😑 🗢 List account record		cory 77%	

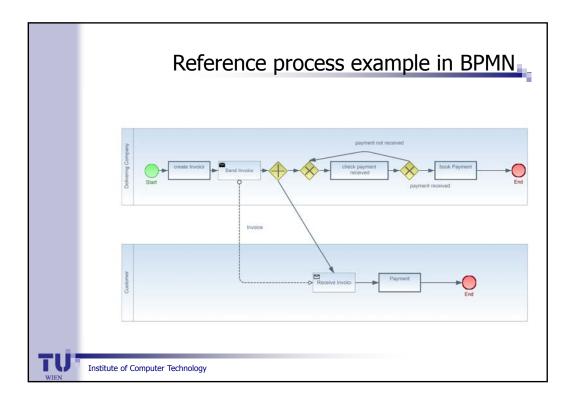


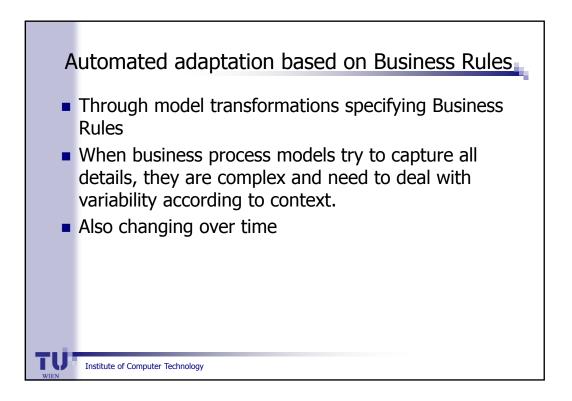


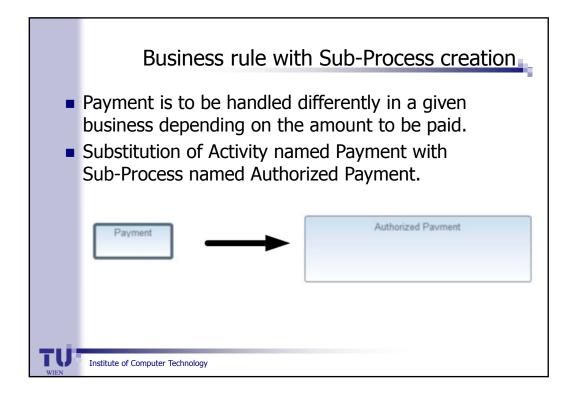


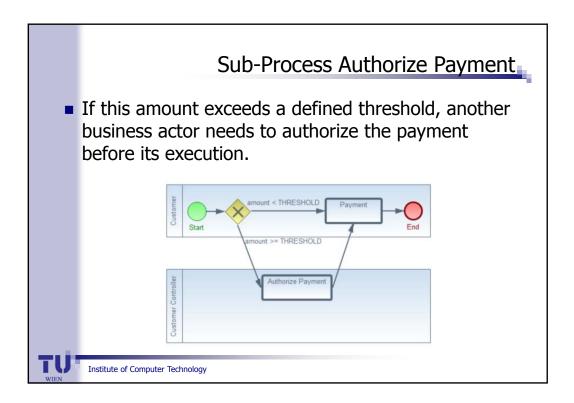


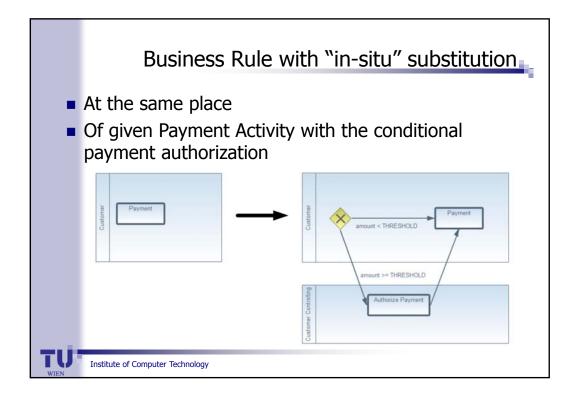


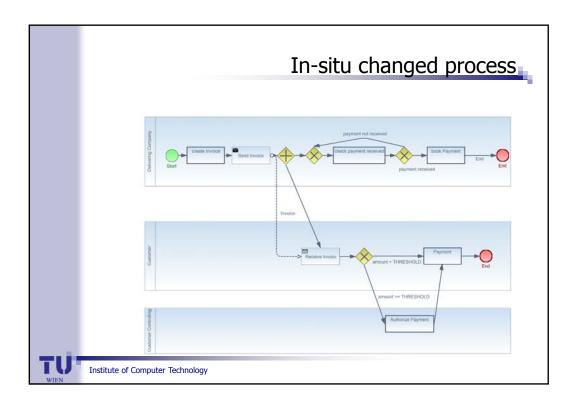


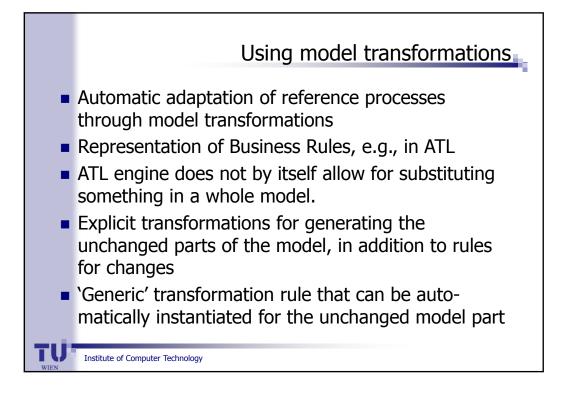


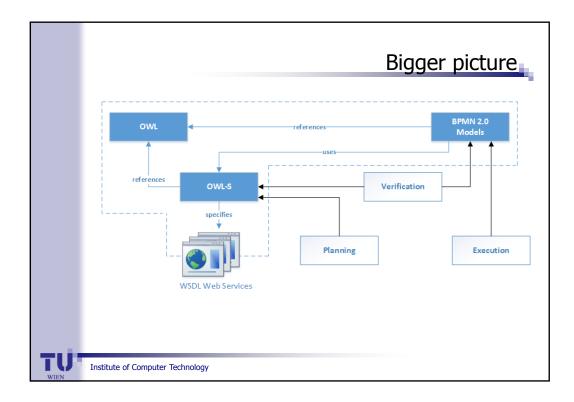


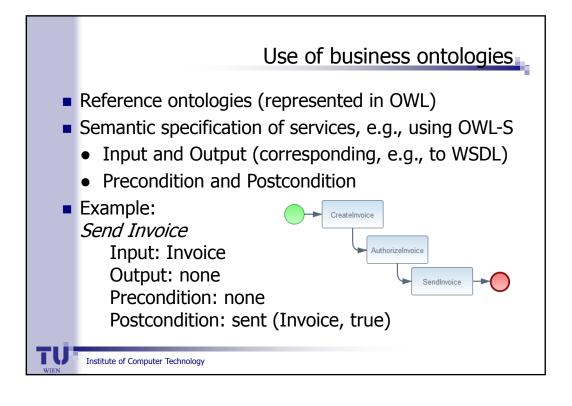


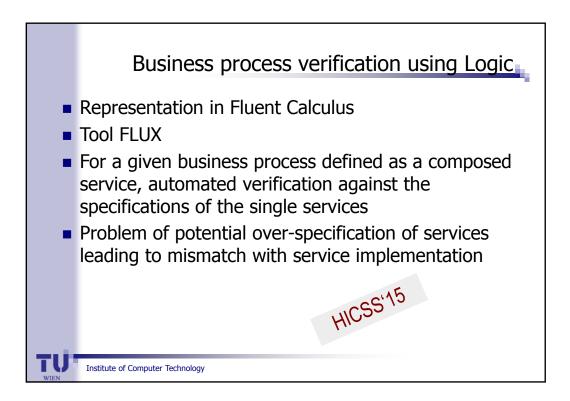


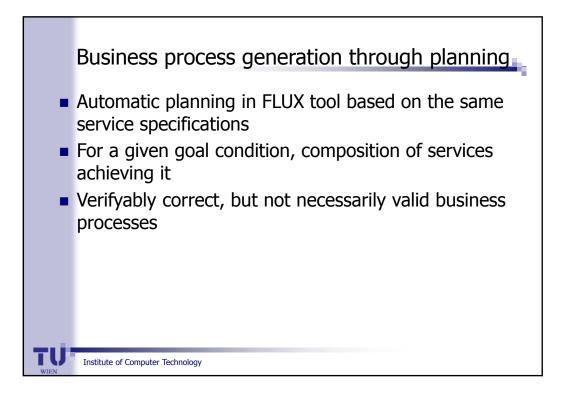


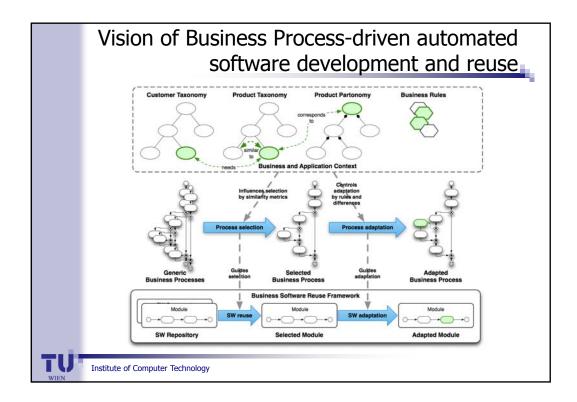


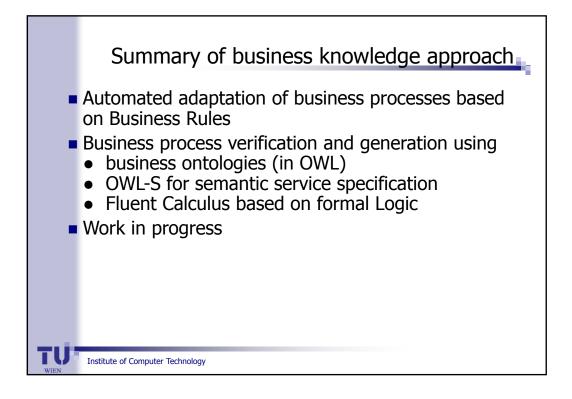


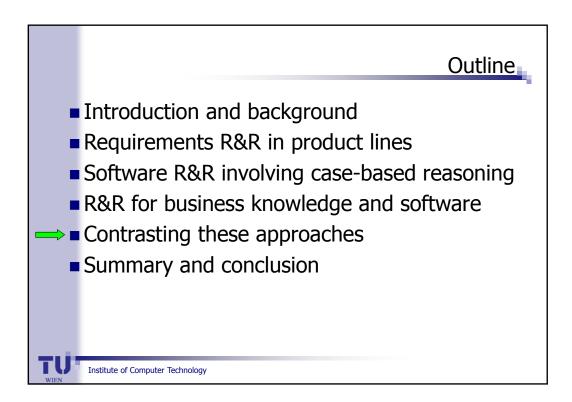


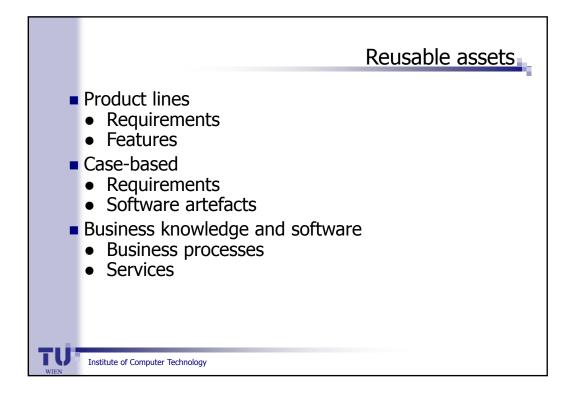


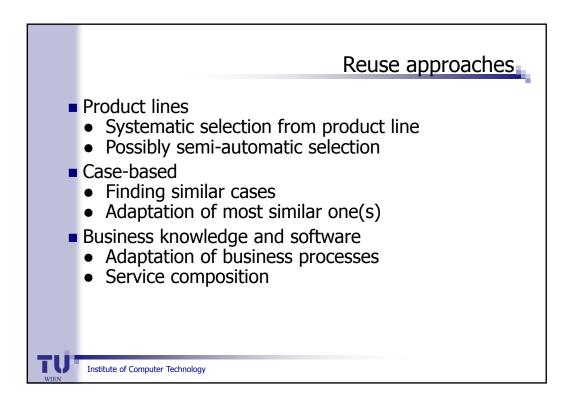












Costs vs. benefits of case-based approach and product lines		
	SPLE	CBR
Costs of Making Reusable	Substantial	Negligible
Benefits for Reuse	Facilitates automated product derivation	Facilitates finding similar cases for reuse
stitute of Computer Technology		ICSR'15

