

RAD through Visual Age Generator Templates ...

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Agenda

- Introduction
- The Project
- Architecture the shoices
- VAGT
- The Product
- The Evaluation
- The Recommendation



The Company - brands ...



Fokus Bank

Danica Pension

Östgöta Enskilda Bank







Key indicators ...

Markets

Nordic region

- UK
- USA
- Germany
- Poland
- Luxembourg
- Employees Approx. 18500
- 1800 employees in the IT department
- >3m customers a third is online





Who are we ...

Henrik

- Architect/Software developer
- 3 years in Danske Bank
 - **'Vebsystems**

development

xperience

Peter

- Software devel
- 6 years in Danske Bank
- AS/400 developer
- Some Notes & Java development
- No VAG or mainframe experience



The project ...

The vision



Requirements



• Deliveries and when ??





The Vision



- Natural workplace
- Stability and datasecurity
- Context based help
- •Templates when you need them
- Always updated information
- Uniformity among projects
- •Sharing the knowledge
- Easy reuse



The Requirements - Environmental

- •Relational database DB2
- Data on mainframe
- Browser based
- •Flexible
- •Easy to reach (intranet)
- •Easy to use
- •Extensible
- Very short development time
- Performance 18000 potential users
- Stable



The Requirements - Functionality

- •Write knowledge documents/templates and distribute them (Decentralization of knowledge creation)
- •Exhibit knowledge content development model framework
- •Project overview Progress reports
- Project workbench
 - Document handling
 - Context help in the development processs
 - Easy to import templates
 - Project member administration
 - Easy access to related systems
 - Standardized folder structure

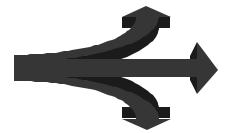


Deliveries and when ??

January 2002 - Project viel 0tes



Autumn 2002 - Project workbench





Architecture - the choices

- NetstyrNative JavaVAGT Pilotproject



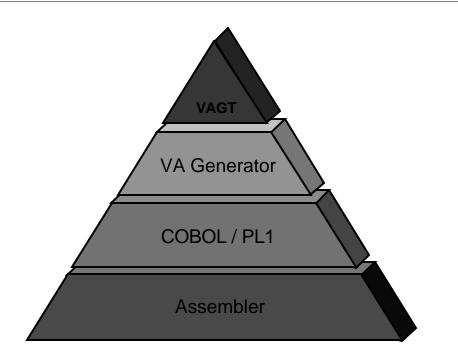
Development - What the h... is VAGT?

December 2001 - We didn't know either!!!





VAGen Templates

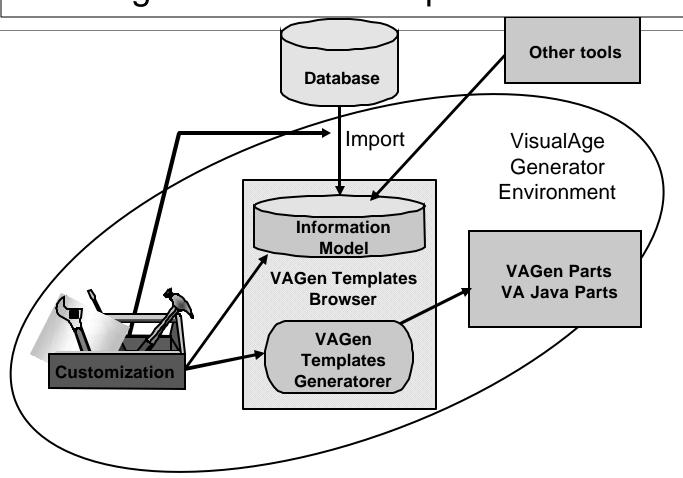


High specification level

Low specification level

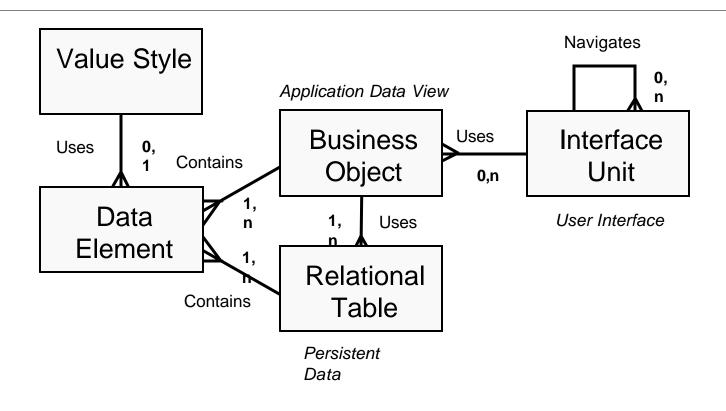


VisualAge Generator Templates Architecture



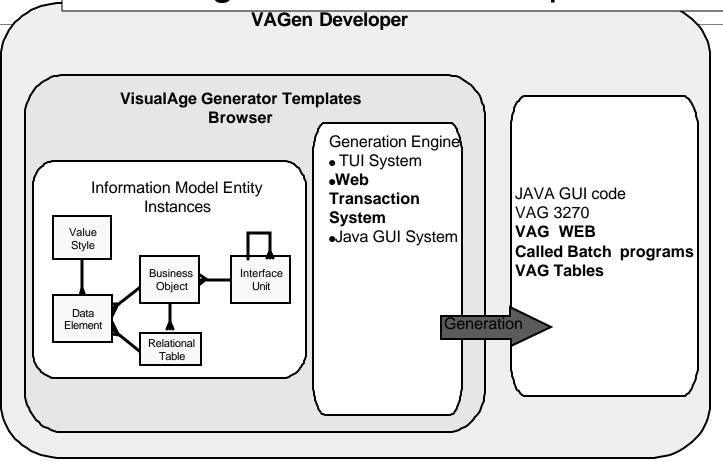


Information Model





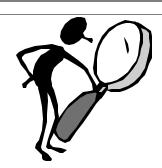
VisualAge Generator Templates V4.5





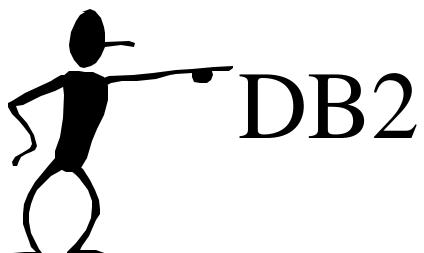
VAGT - how to use

Analysis & design



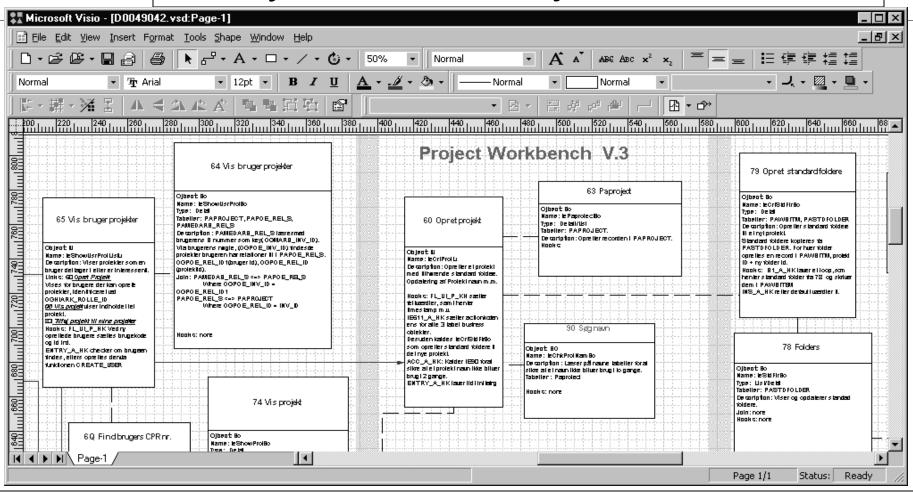


Implement database in





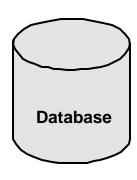
Plan your VAGT objects.

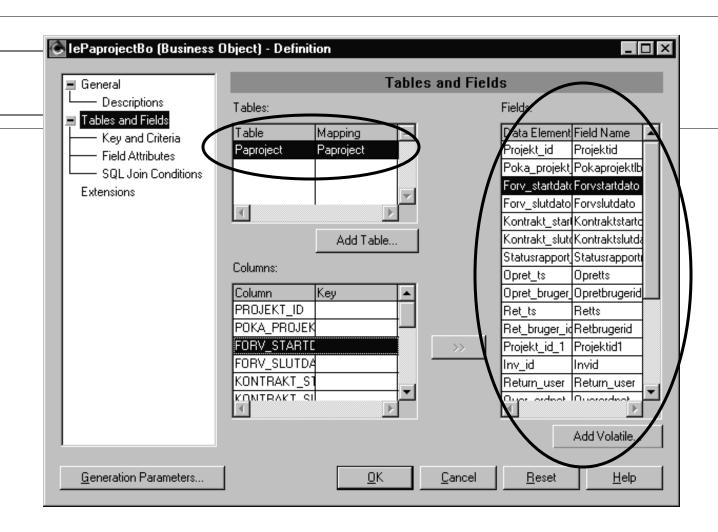




Create BO

Select a table.

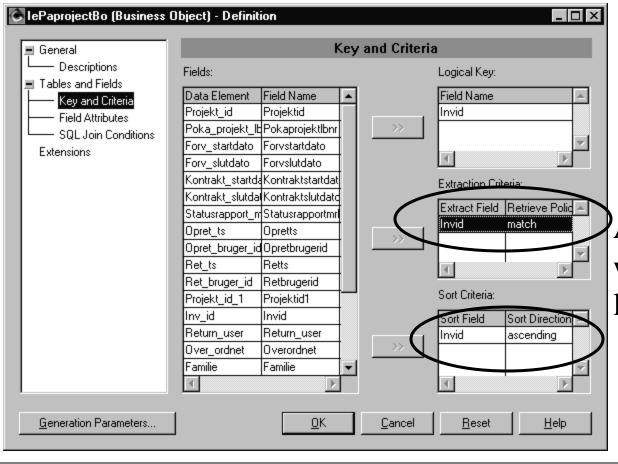




Define which fields you want to use.



Create Bo - Define selection criteria.

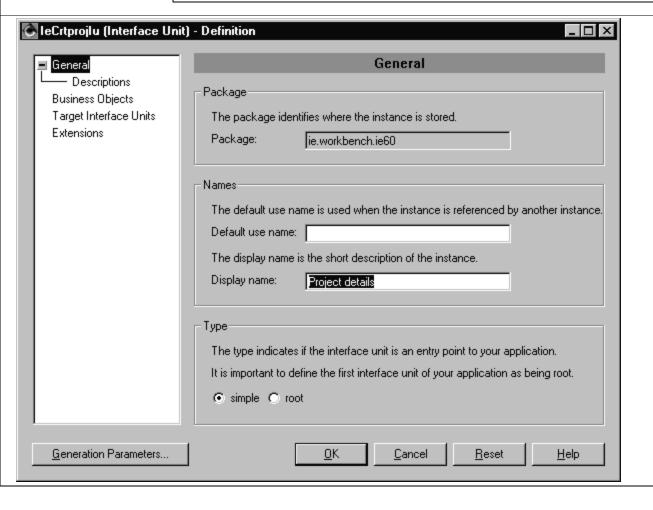


This is the definition of how you want your data to appear.

And the order you want data to appear in lists.



Create IU



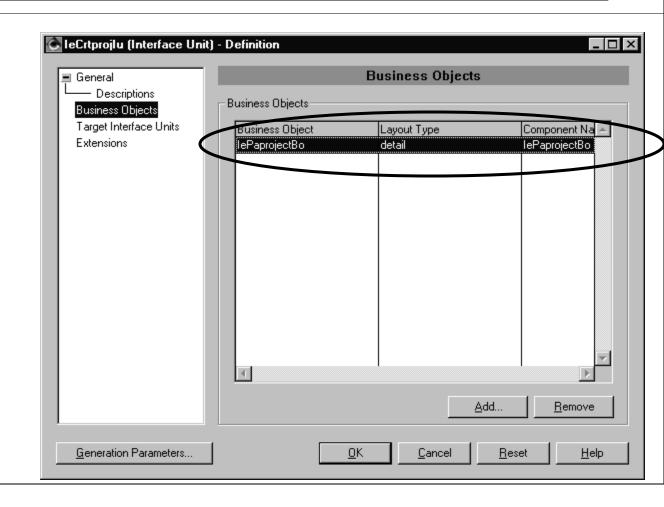
A display name helps you to know where you are when you are testing



Create IU

Define which business objects the interface unit are using and how it is using it.

Detail, List, Updateable List

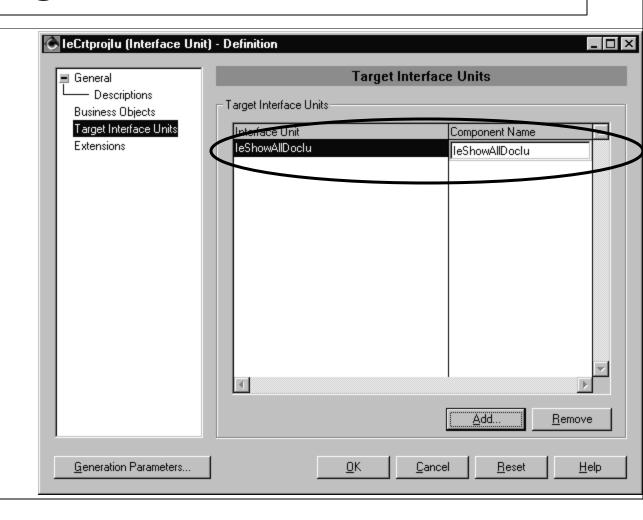




Create IU

Define which interface units you want links to.

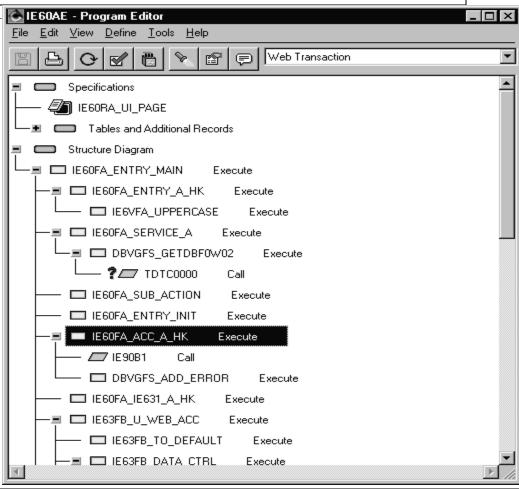
Often this is links from a list to a detail IU.





Modify generated code to work as required

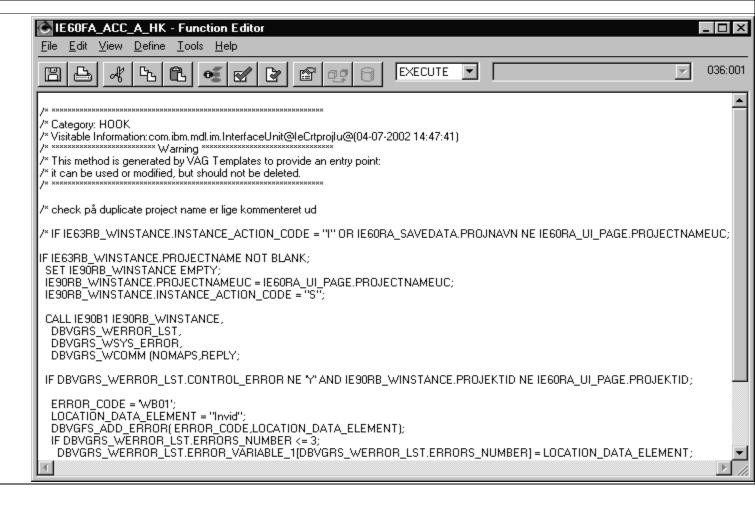
Hooks are supplied where you can add code, and more important it will stay there





Modify generated code to work as required

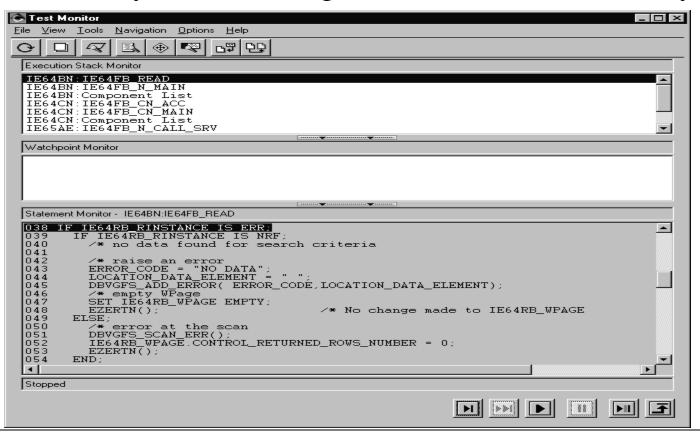
Every kind of VAG functions can be performed in the hooks.





VAGT - how to use

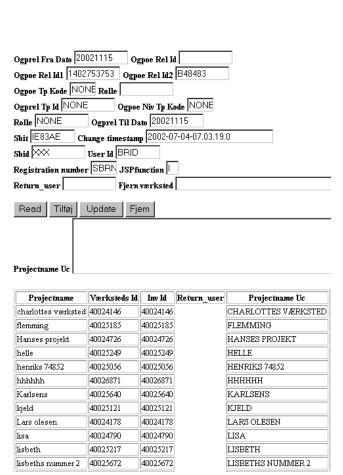
ITF. Test your code using the Interactive Test Facility.





VAGT - how to use

Værksteds administration

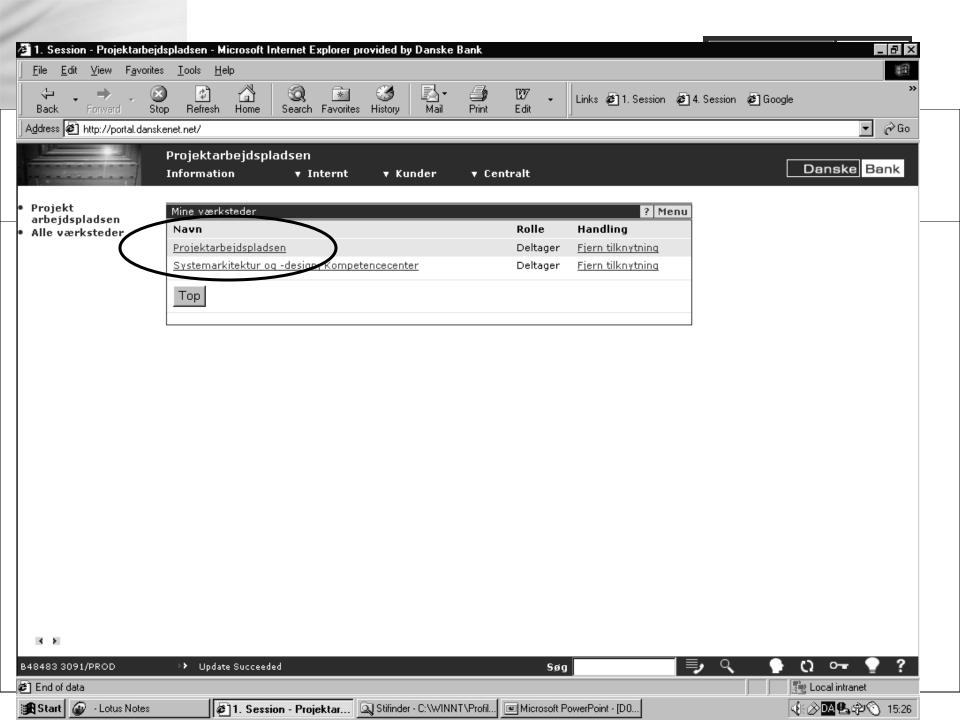


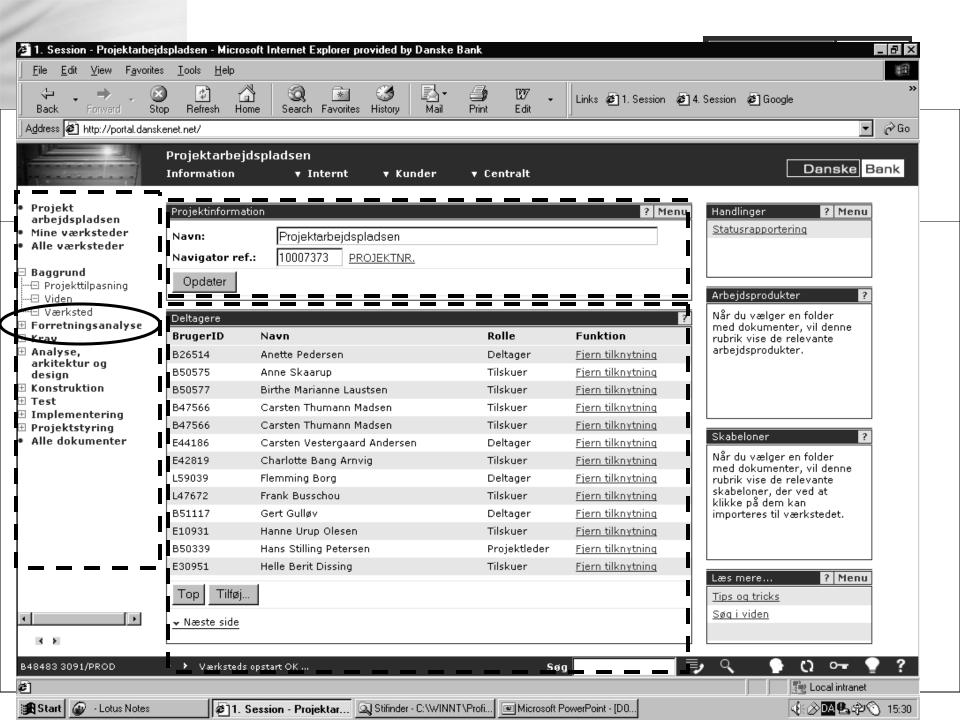
Tilføj værksted		?
Søgestreng:	Søg	
Navn		
▶ charlottes værksted		
▶ flemming		
► Hanses projekt		
▶ helle		
▶ henriks 74852		
▶ hhhhhh		
▶ Karlsens		
▶ kjeld		
▶ Lars olesen		
▶ lisa		
▶ lisbeth		
▶ lisbeths nummer 2		
▶ Nyt Værksted		
D olsens legeland		
▶ P projekt 02 568		
P projekt 0256		
▶ P Projekt 1		
Retur		
▼ Næste side		

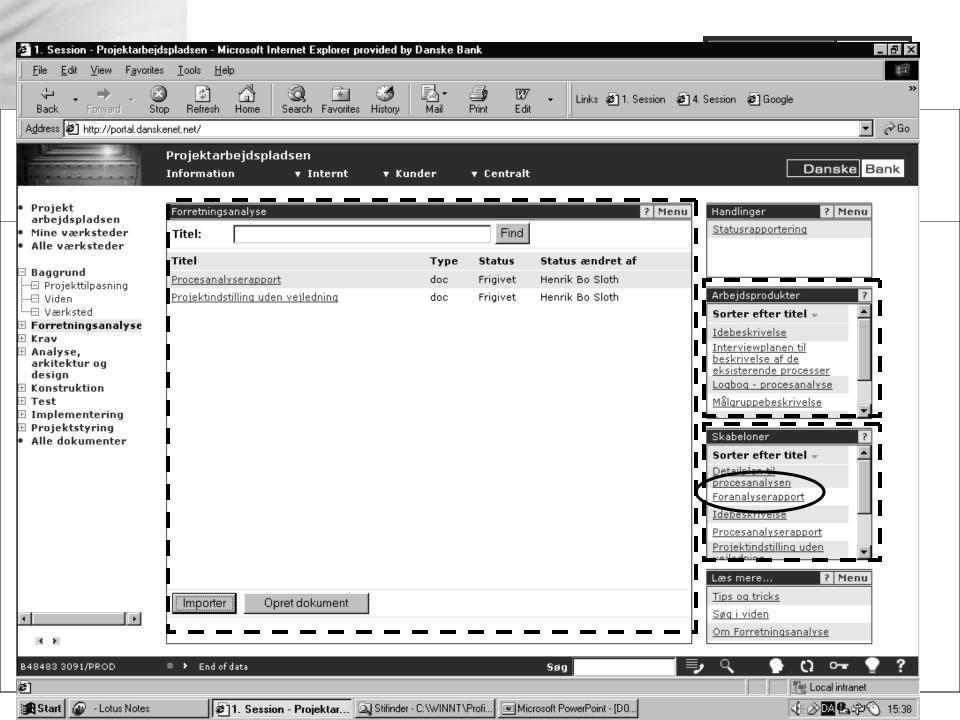


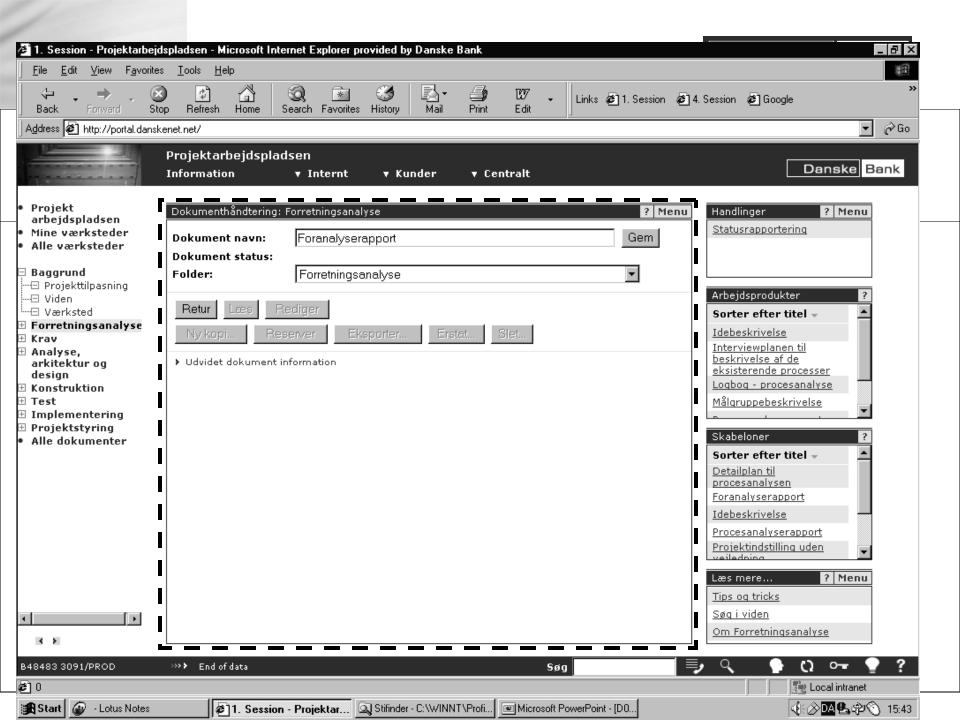
The product

















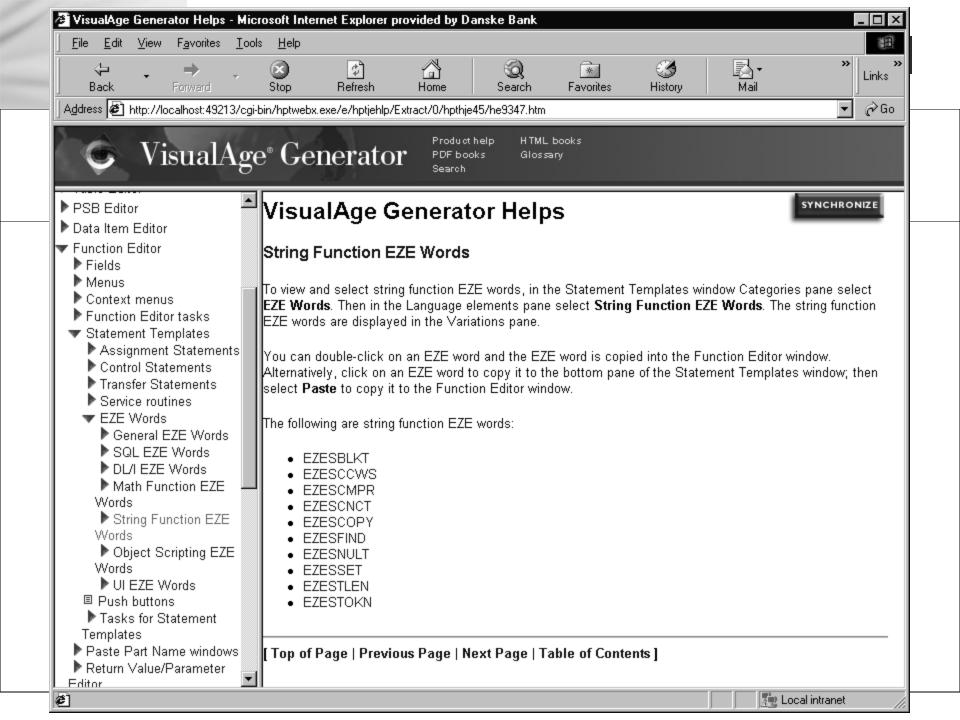
Evaluation - The good...

- Fast development 2 month 3 developers
 - 180 Backend programs, 30 JSP Pages
- End to End debugging almost
- Quite complex application with limited knowledge
- Performance
- Separate process divide skills
- •JSP



.. and the bad

- Converse vs. stateless session handling !!!!!!!
- Complex environment
- You need Main Frame experience
- Dev. env. is not stable enough
- Limitation in VAG/CICS 32k, 99 lines,
- VAG knowledge is required
- Bad help





The recommendation

- •Pleasant to work with happy developers once they ... know it
- Fast development
- •No need to seede the basis
- •Well formed code and but ee code, meet standards
- •Ability to use other mera STOAVA
- Easy to extend
- •Good and flexible BUI delepment through JSP
- Easy to integrate
- Stable production environment
- Scalable architecture



Questions ?!?



Thank you!!

