

overview

- a house
- motivations
- options

a house



in a quiet neighbourhood

a house – specific architecture



a house – 20 years of piled up renovation projects



a house – where to start with renewing?

- leave everything as it is?
- only new wallpapers?
- new windows?
- reface with thermal insulation?
- new central heating?
- new centralized water supply system?
- change floor plans?
- or just move out?
- it just depends, how long you want to stay in this house

motivations

tear it down & build it newly using standards



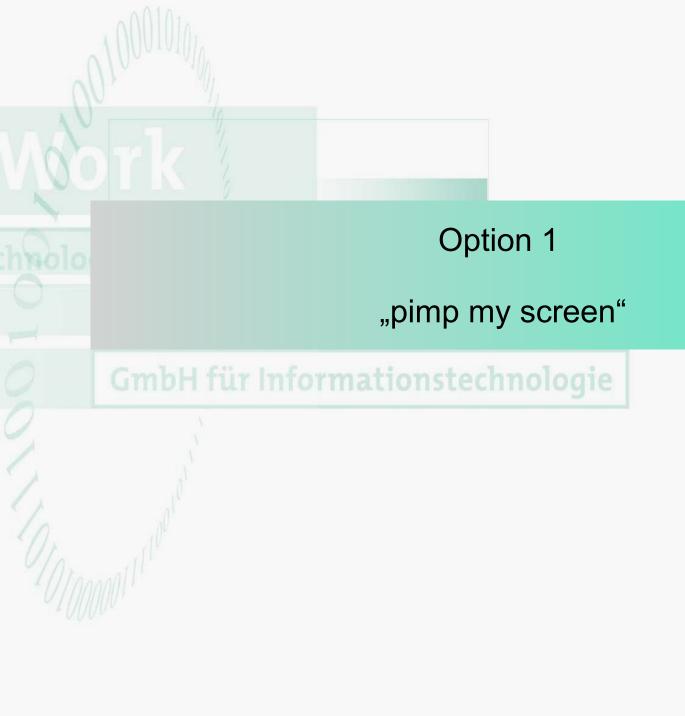
motivations

or stick with it due to

- excellent service levels
- cheap operating cost
- excellent security regarding external attacks
- unmatched scalability
- individual business applications

motivations

- expected savings
- better maintenance & easier extensions
- generation problem / e.g. Cobol programmers
- user acceptance
- hard-/software discontinuation
- new functions
- simplification
- workflow optimization



pimp my screen

1. the simpliest method: "pimp my screen"

Goal: better user acceptance, web functionality

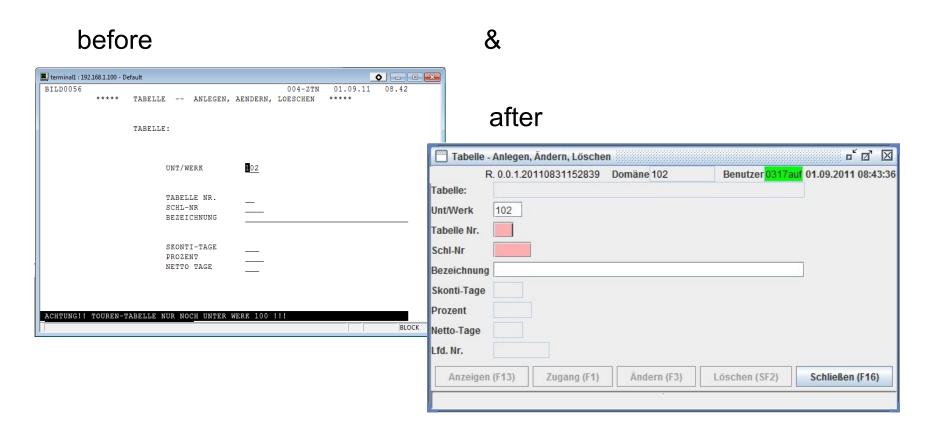
other advantages: none

Method: 1:1 client code conversion into Java or HTML





pimp my screen



Optio

Option 2

"combining basic dialogues and creating new & more complex dialogues"

GmbH für Informationstechnologie

2. combining basic dialogues and creating new & more complex dialogues

Goal: more user acceptance

other advantages : simplified user navigation

Method: implemetation of new client apps based on Java

or .Net; using toolkits for faster implementation

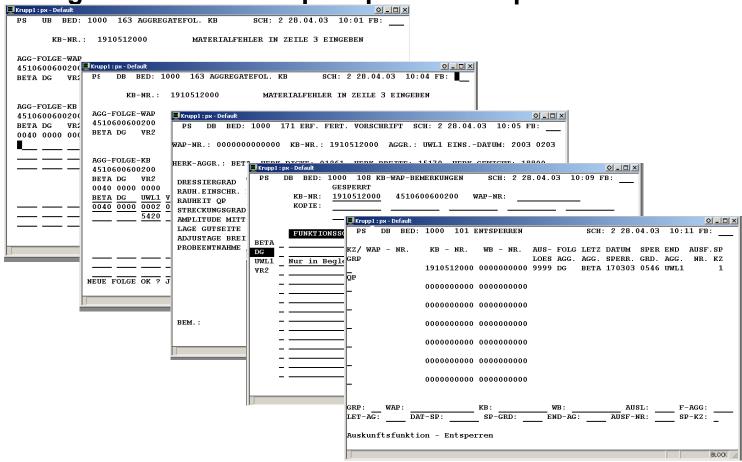






before: (example from ITUG 2003)

a logical transaction split up into 5 simple transactions





Overrun-Breite:

Mehrfachbreit:

Lage Gutseite:

Endbesäum-KZ: 1

Streckgrad:

Richten:

after: (example from ITUG 2003)

iust one transaction Materialstück 0938310002 freigeben R. 4.4 Aggregat: FBA8 CW Benutzer: 0701 auf PROD Materialstück: 0938310002 Bewertung: Nacharbeit Aggregat:

Hauptfehler: 5881(1650, Gewicht zu klein) Stärke: 0

✓ Umwickeln

Anzahl der Teile:

Fehler:

UWL1 O UWL2

Walzbreite:

Walzdicke:

Oberfläche:

Sortier-KZ:

Adjustage Breite:

Adjustage Dicke:

Ausführen

Abbrechen

Dressiergrad:

Nachdressieren

Nachölen

Mustertafel

Nachglühen

√ UWL

Aggregat UWL verwenden

Amplitude Mitte:

Amplitude Rand:

Rauheit OP:

Bemerkung:

Amplituden-Messl.:

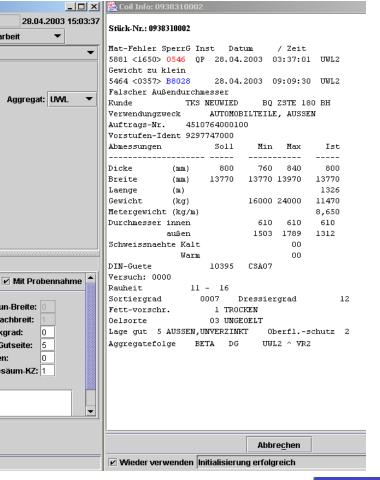
Rauh. Einschr. MIN:

Rauh, Einschr, MAX:

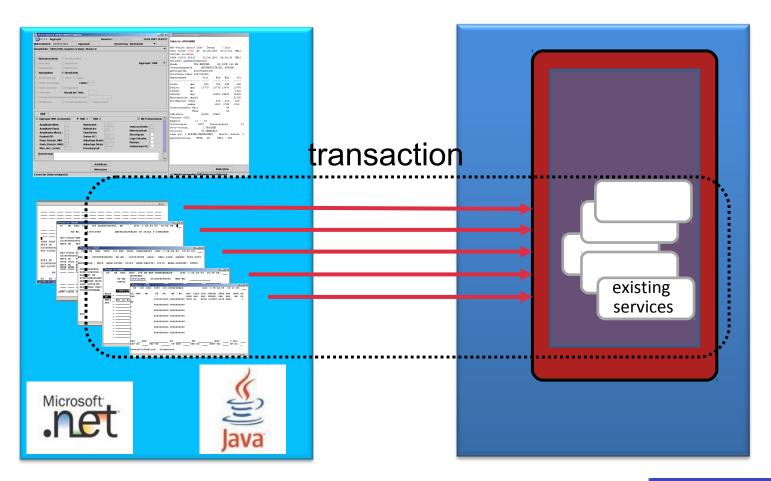
Max. Anz. Löcher:

Lesen der Daten erfolgreich.

Abwickeln von

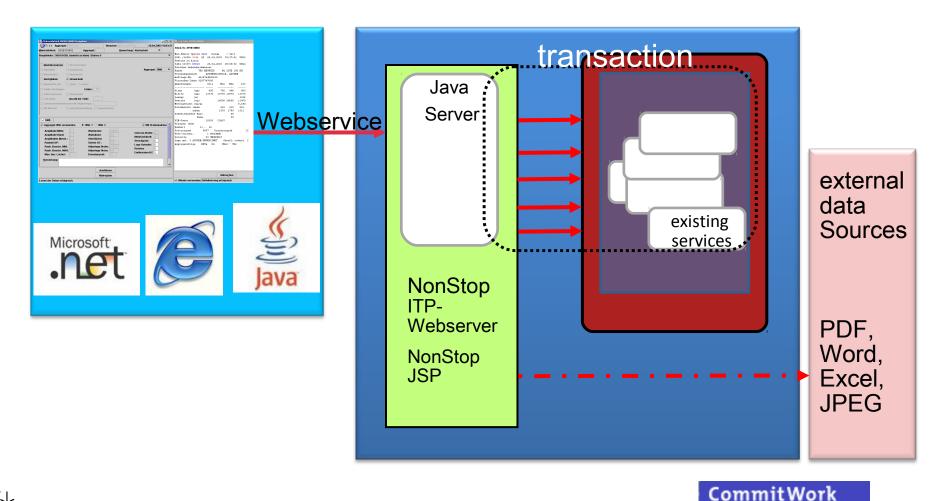


combining functions within a client



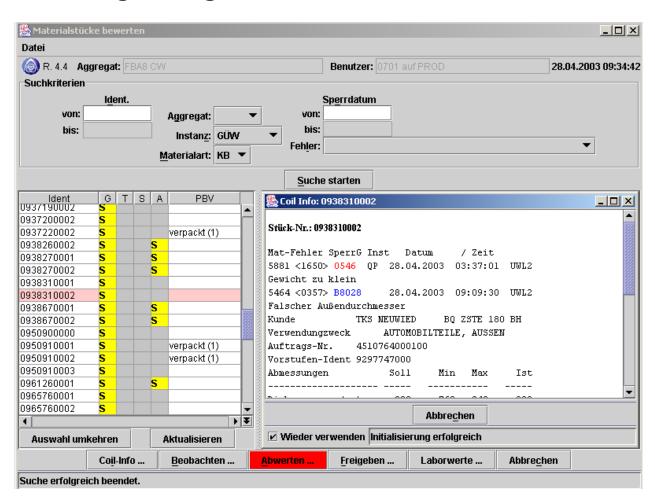


combining functions within a server

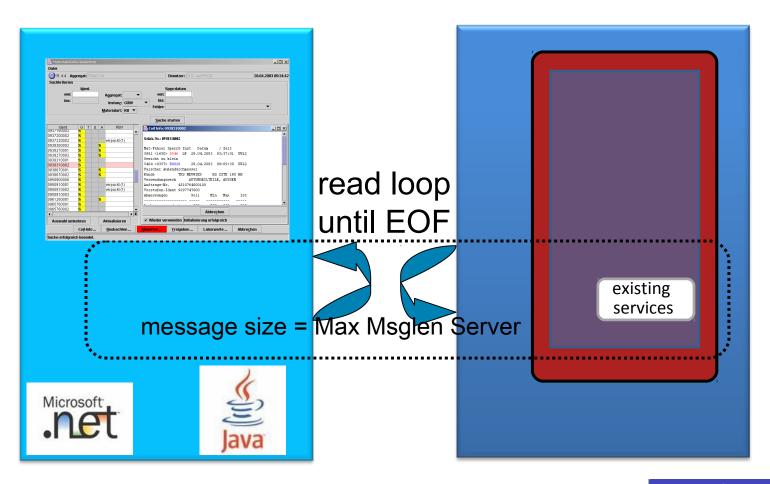




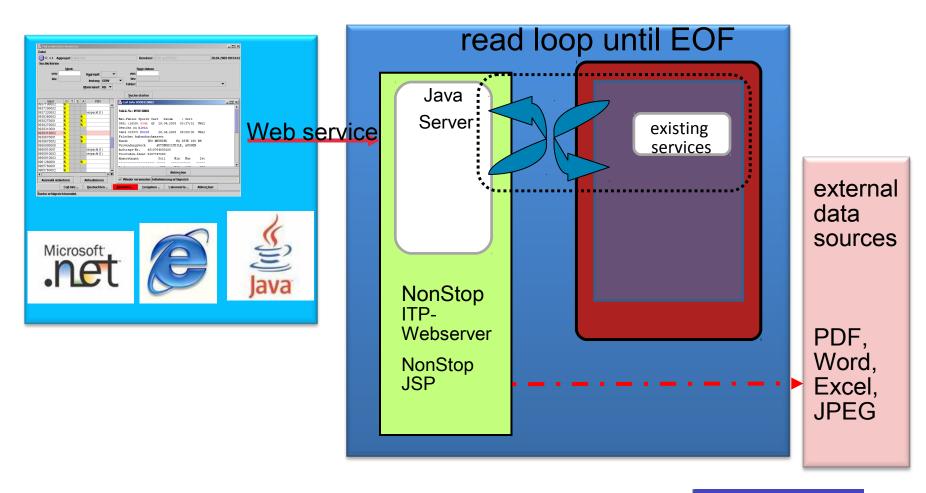
scrolling in huge tables



scrolling in big tables within a client

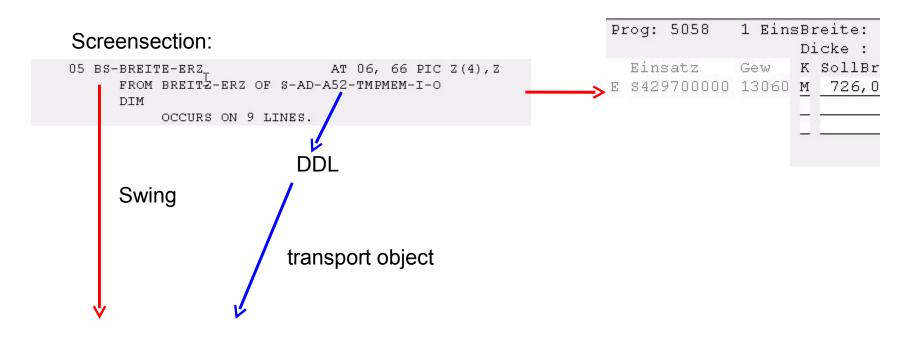


scrolling in big tables within a server



CommitWork

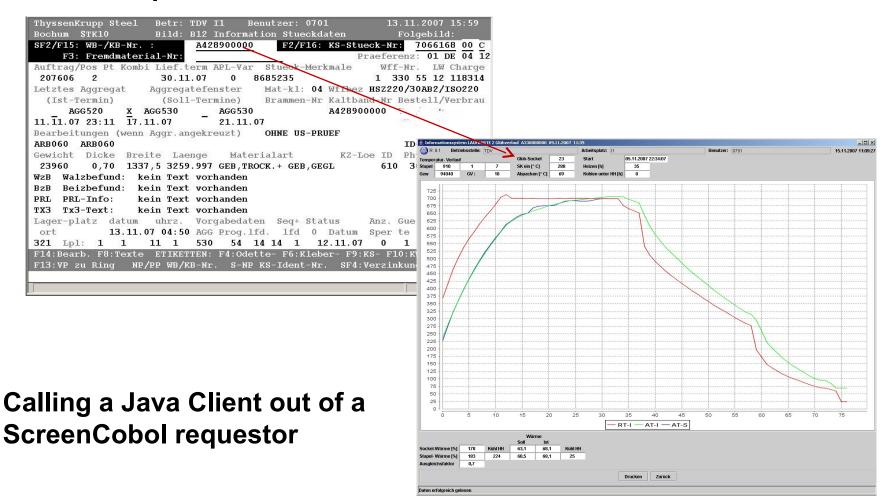
using toolkits:



Java components

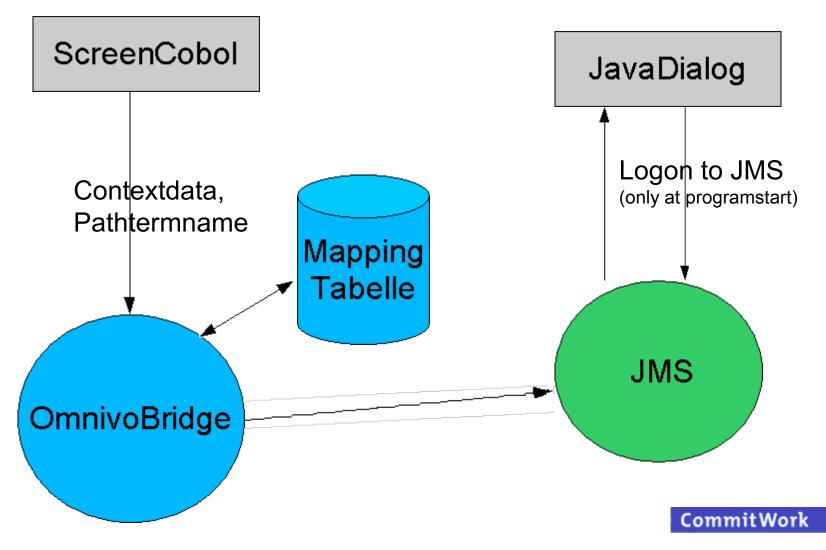
new dialogue = Java components + logic

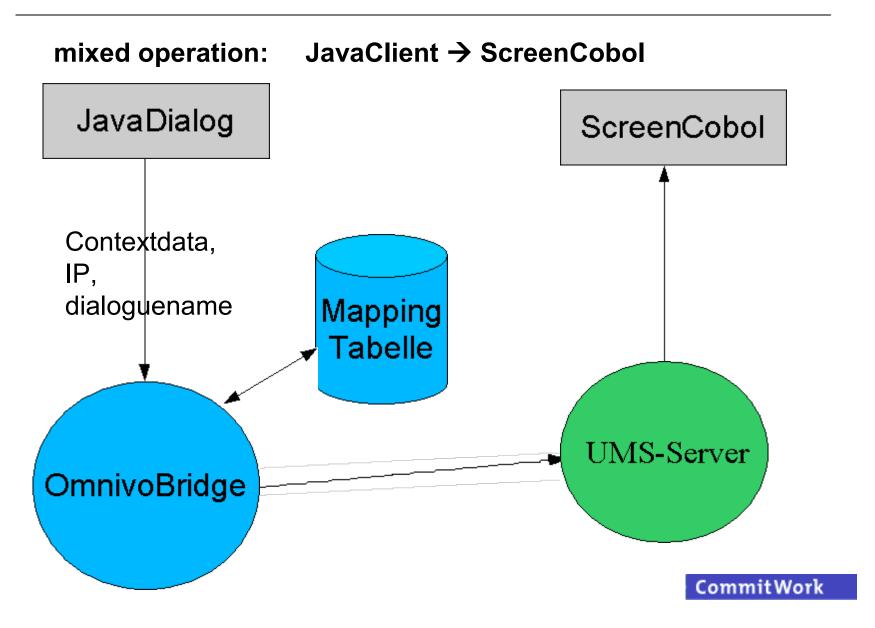
mixed operation: ScreenCobol → Java Client:





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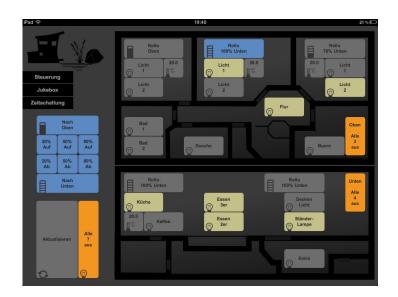
Option 3 "using a SOA-stack layer" GmbH für Informationstechnologie

3. pulling in a SOA-stack layer on a NonStop Server

goal: highest flexibility for all requirements on client- and server side

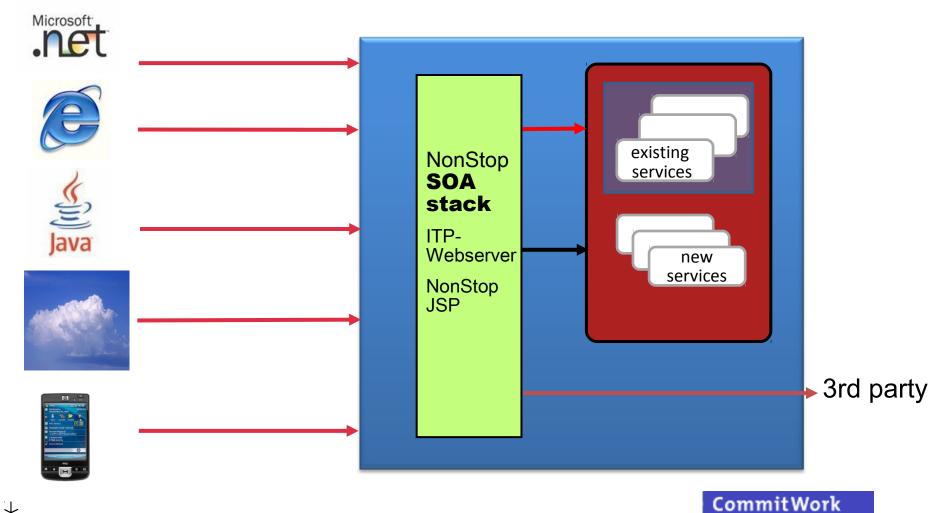




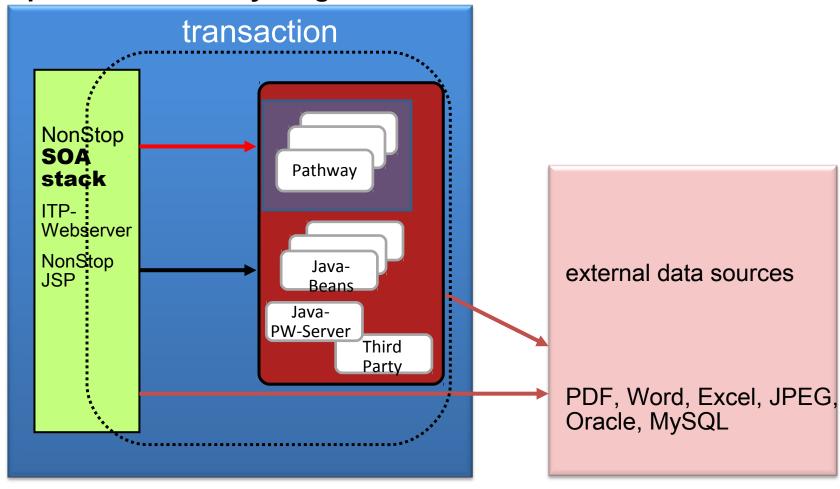




open for most everything

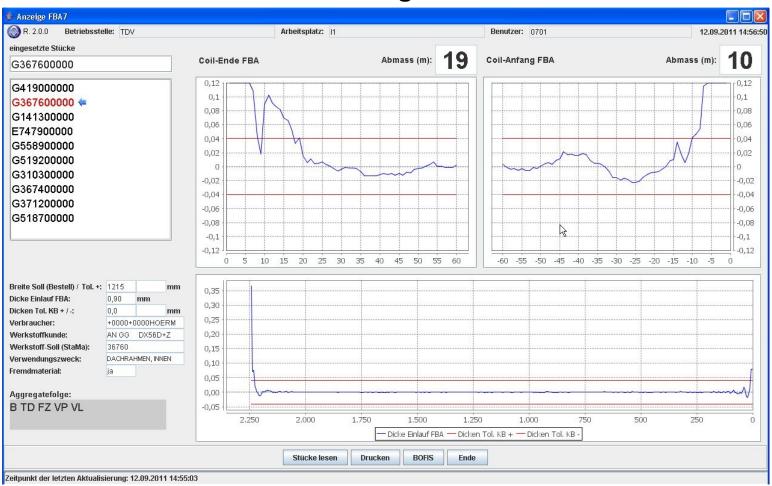


open for most everything

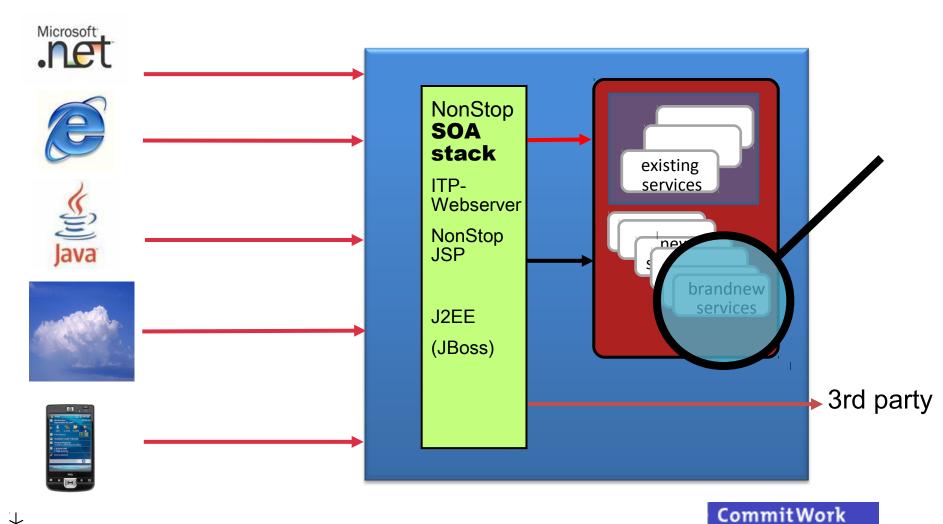




one function – services coming from several servers



smooth migration



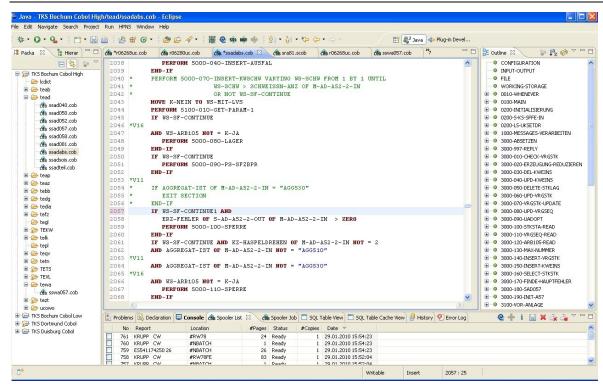
Using a SOA-stack lax new service ness logic SQL/MX NonStop JSP business logic **MYSQL** J2EE **Oracle** etc. **Commit Work** $\frac{1}{2}$



CommitWork Developer Suite (CDS)

Modernizing your existing development environment

CDS for code 100, cobol, tal, screencobol,...



You want to see more -

please visit me in showroom, have a live demo and ask for a free trial version

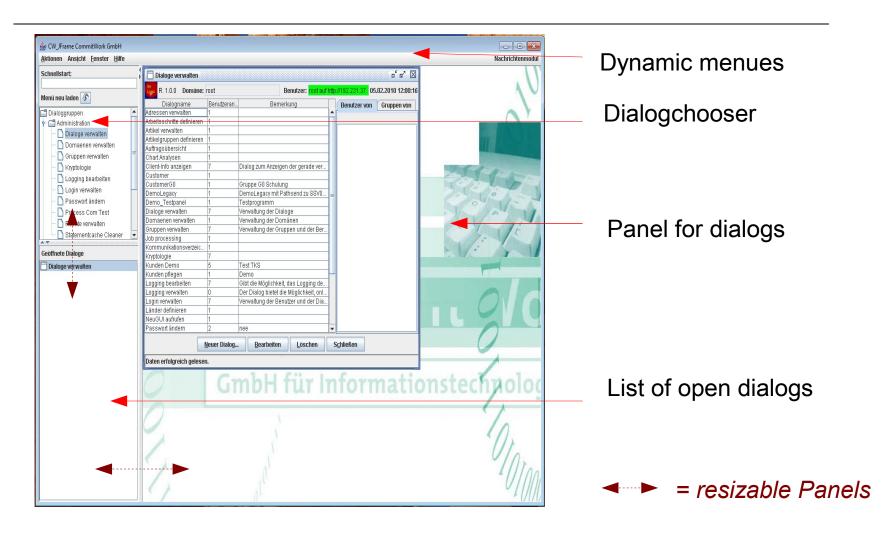
CDS Features

- Integration into your existing development environment
 - Utilization of your existing compile macros
 - Spooler view
 - DDL
- Powerfull editors for Cobol (Cobol85 and Screen Cobol), Tal, C.
 Showing the compile errors within the editors
- Generation of SQL statements
- Register yourself at www.commitwork.de to get a demo.
 Please, contact us for the demo license key.

CommitWork Software



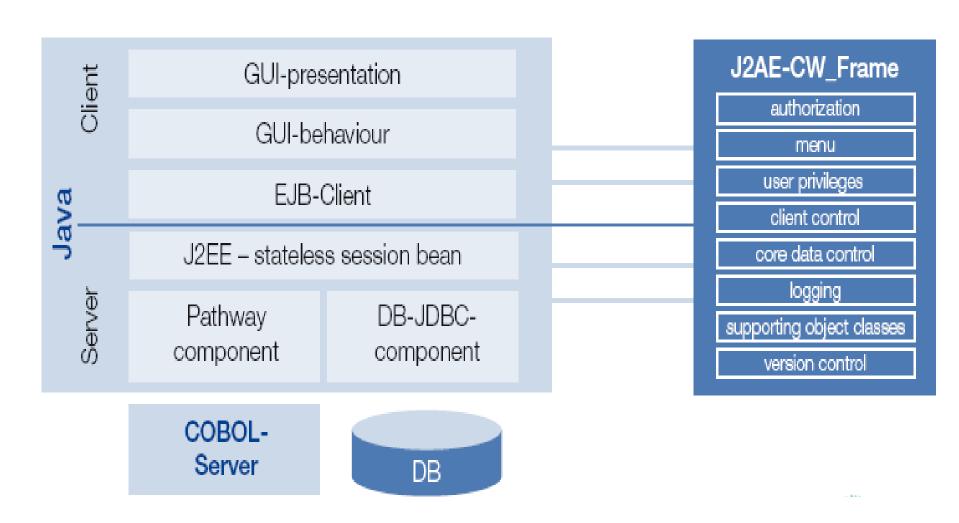
What is OmivoBase? An Application Environment – Desktop view



You can select the desktop or single window view



OmnivoBase - Architecture

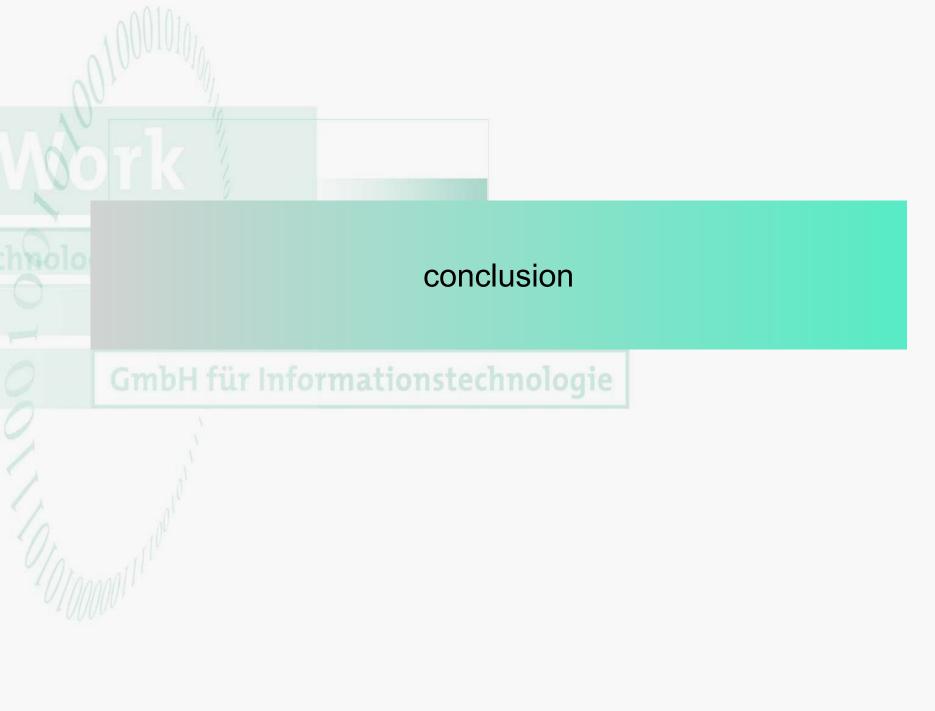


OmnivoBase

- more than 500 Java Classes for your use
- only some modules:
 - Menusystem
 - authorization
 - user privileges

. . .

- CommitWork Eclipse plugin developer tools like
 - OmnivoDDL2Java
 - OmnivoProject
 - OmnivoDialog
 - OmnivoScobol (Demo)

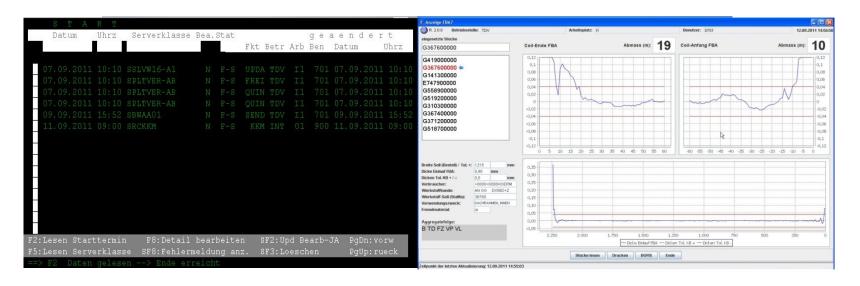


conclusion

- modernizing is more than just colored screens
- NonStop Servers should also carry new & modern software
- protection of investment by encapsulating the business logic
- smooth migration final goal: eliminating any hardware lock-in
- use the new NonStop Server resources for new functions
- proven in practice, please ask for references

conclusion

modernizing, but done properly!



more information? please ask HP or CommitWork.

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