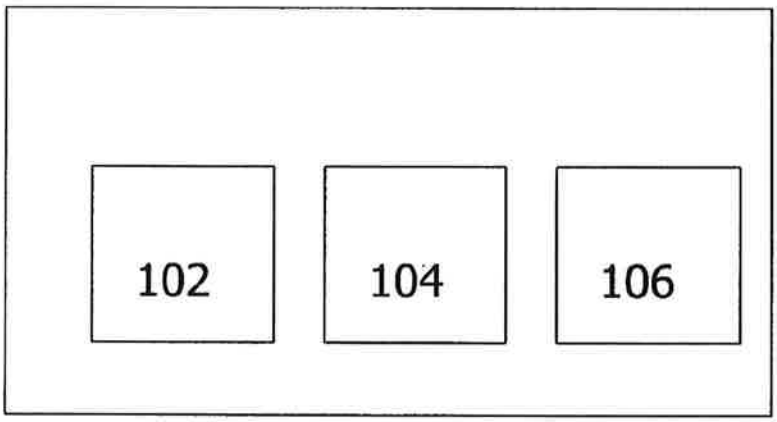


Fig. 1

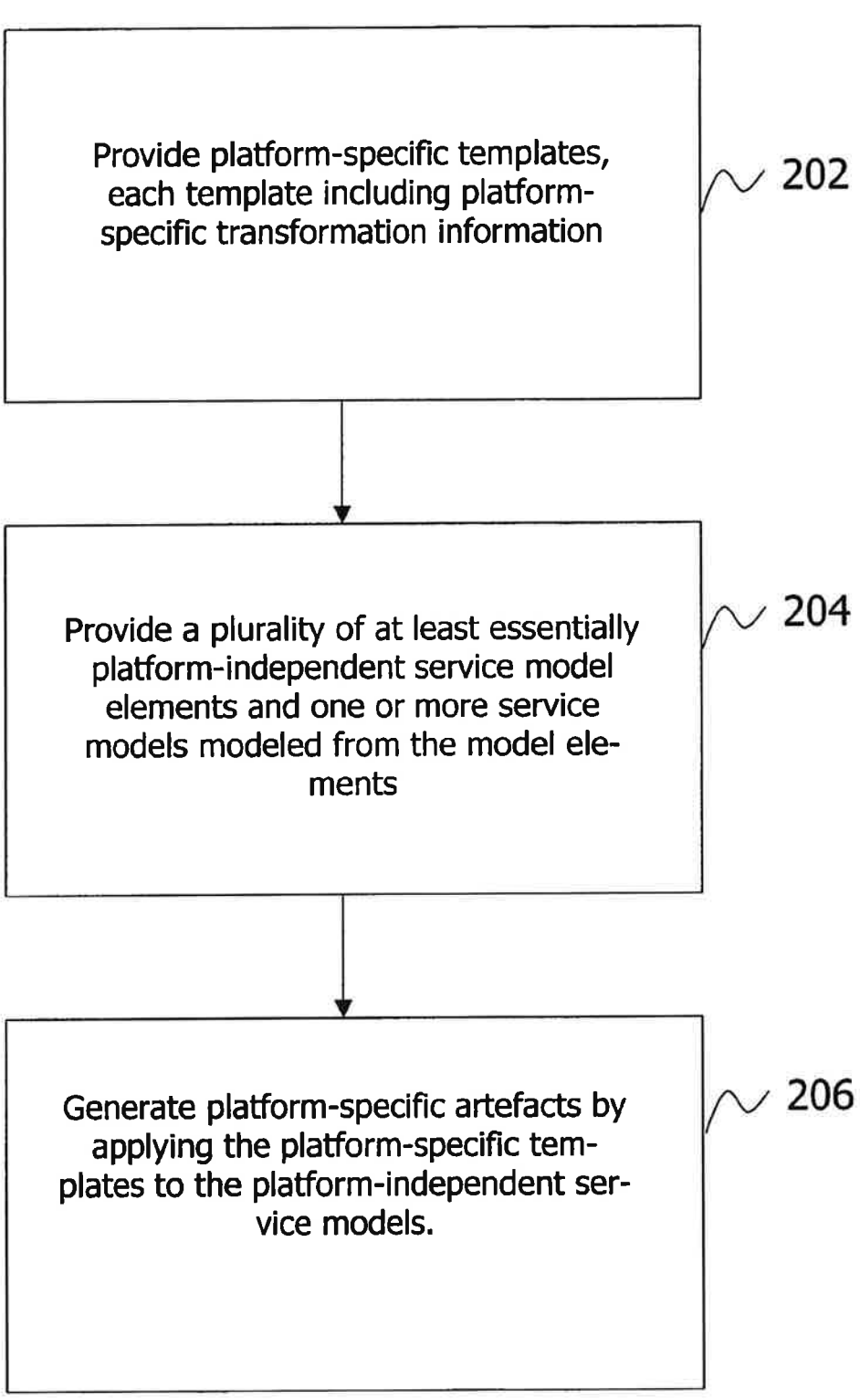

200
Provide platform-specific templates, each template including platform-specific transformation information
202
Provide a plurality of at least essentially platform-independent service model elements and one or more service models modeled from the model elements
204
Generate platform-specific artefacts by applying the platform-specific templates to the platform-independent service models.
206

Fig. 2

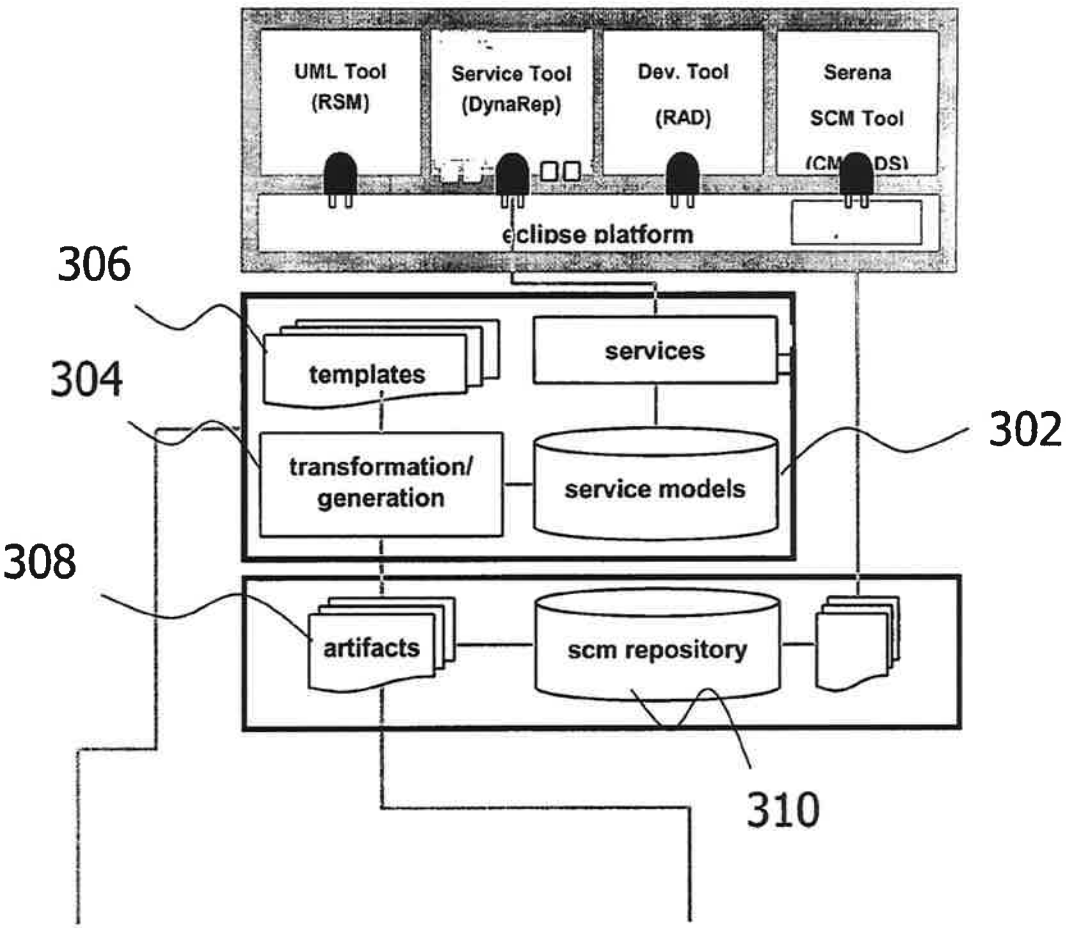


Fig. 3

Transformation/Generation engine:

- Template driven (JSP)
- Access layer (OQL)
- RDMS support (Oracle, DB2 ...)
- Exchange API (XMI)
- ...

→for different platforms/languages and especially architectures

Artifacts:

- Code frames (sources)
- Documents
- Configuration
- Packages
- ...

→for each (group of) artifact a specific (set of) template is required

Platform Specific Artifact
Platform Independent Model
Presentation Service
Service Model
Component Model
Business (Application) Service
mapping
service
structure
data item
entity
process
Class
Sequence
logic/mapping
→ Generation/
Import ←
→ Transformation/
Synchronization ←

Fig. 4

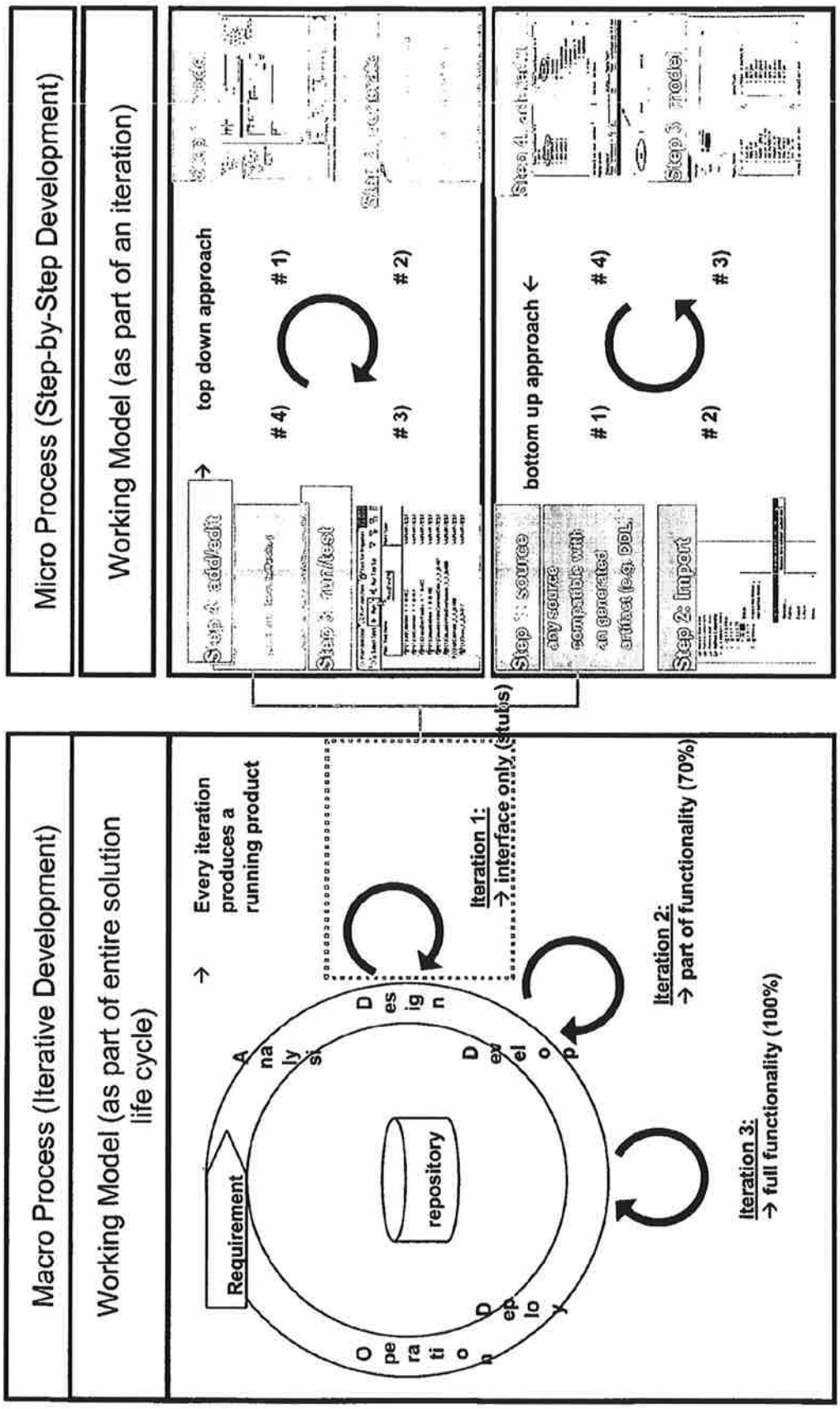

Macro Process (Iterative Development)
Working Model (as part of entire solution life cycle)
Micro Process (Step-by-Step Development)
Working Model (as part of an iteration)
Every iteration produces a running product
Requirement
Analysis
Design
Development
Operation
repository
Iteration 1:
→ interface only (stubs)
Iteration 2:
→ part of functionality (70%)
Iteration 3:
→ full functionality (100%)
top down approach
bottom up approach
1)
2)
3)
4)
Step 4: add/edit
Step 3: run/test
Step 2: import
Step 5: model

Fig. 5

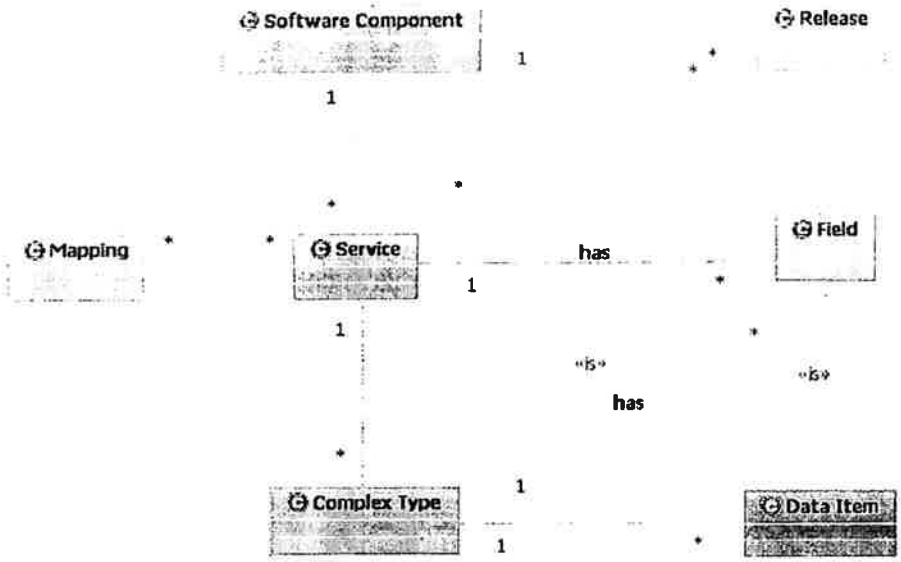

Software Component
Release
1
1
Mapping
Service
has
Field
1
1
«is»
«is»
has
Complex Type
Data Item
1
1

Fig. 6

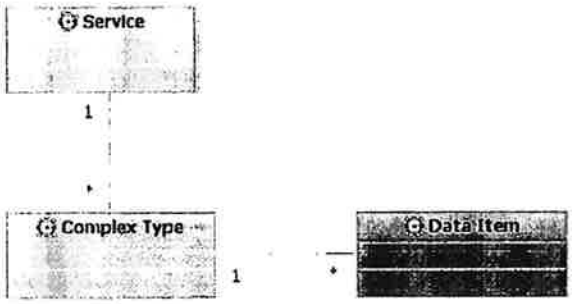

Service
1
Complex Type
Data Item
1

Fig. 7

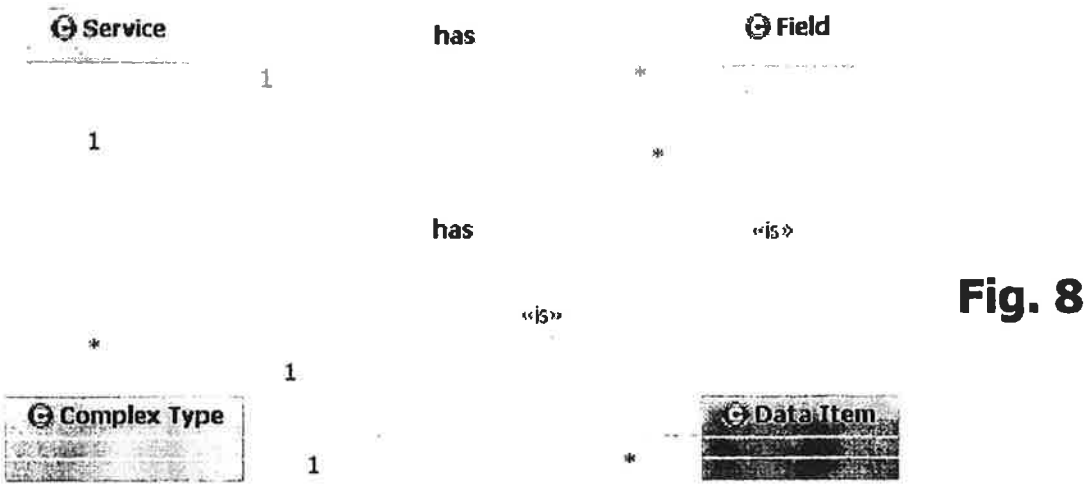


Fig. 8



Fig. 9

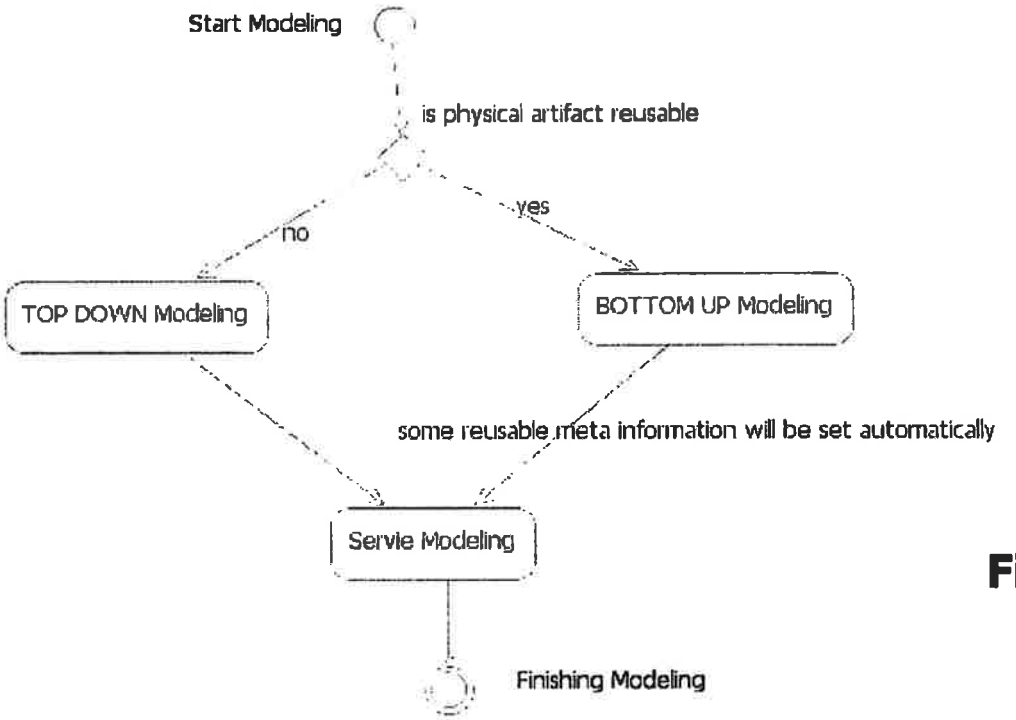


Fig. 10

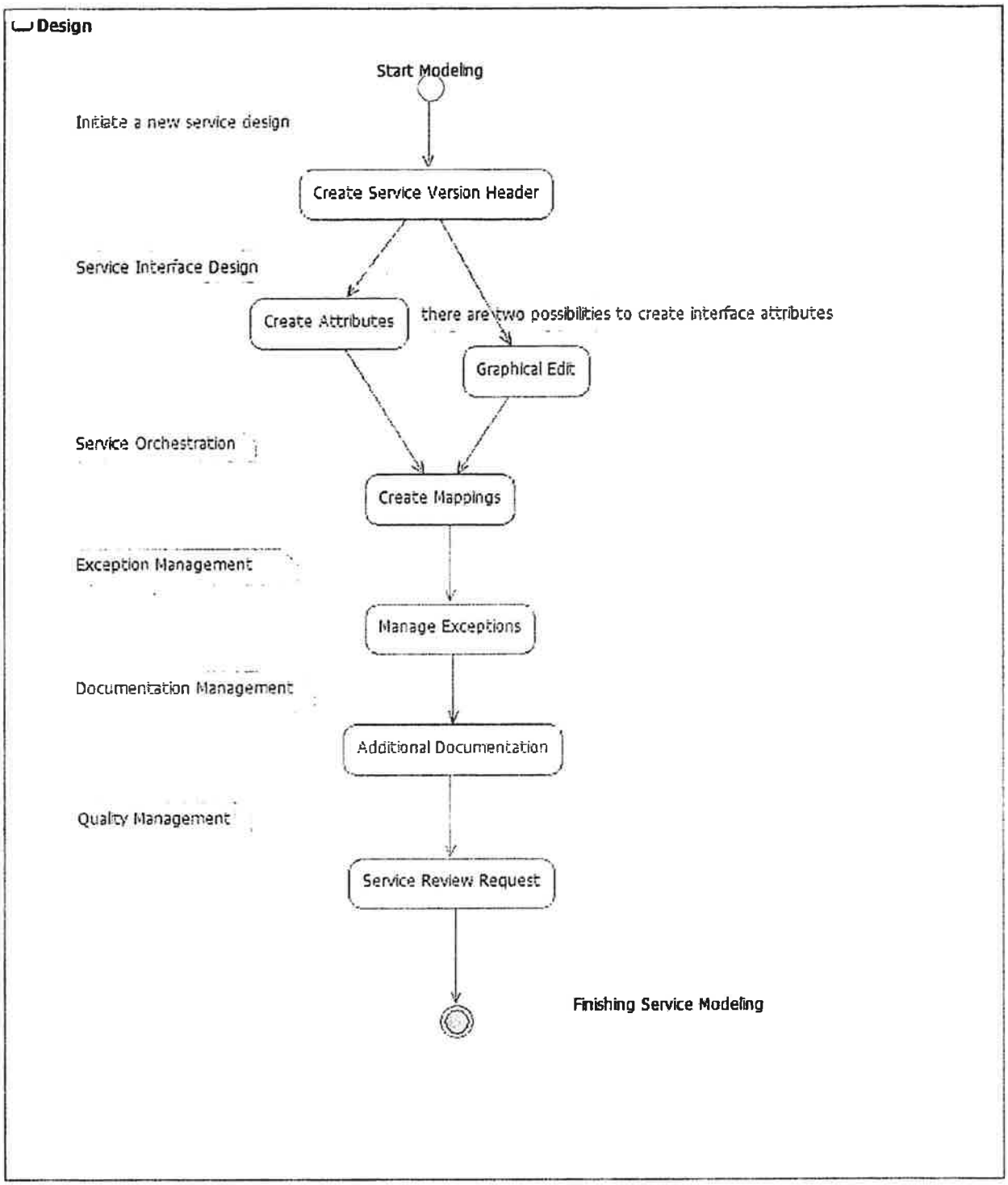

Design
Start Modeling
Initiate a new service design
Create Service Version Header
Service Interface Design
Create Attributes
there are two possibilities to create interface attributes
Graphical Edit
Service Orchestration
Create Mappings
Exception Management
Manage Exceptions
Documentation Management
Additional Documentation
Quality Management
Service Review Request
Finishing Service Modeling

Fig. 11

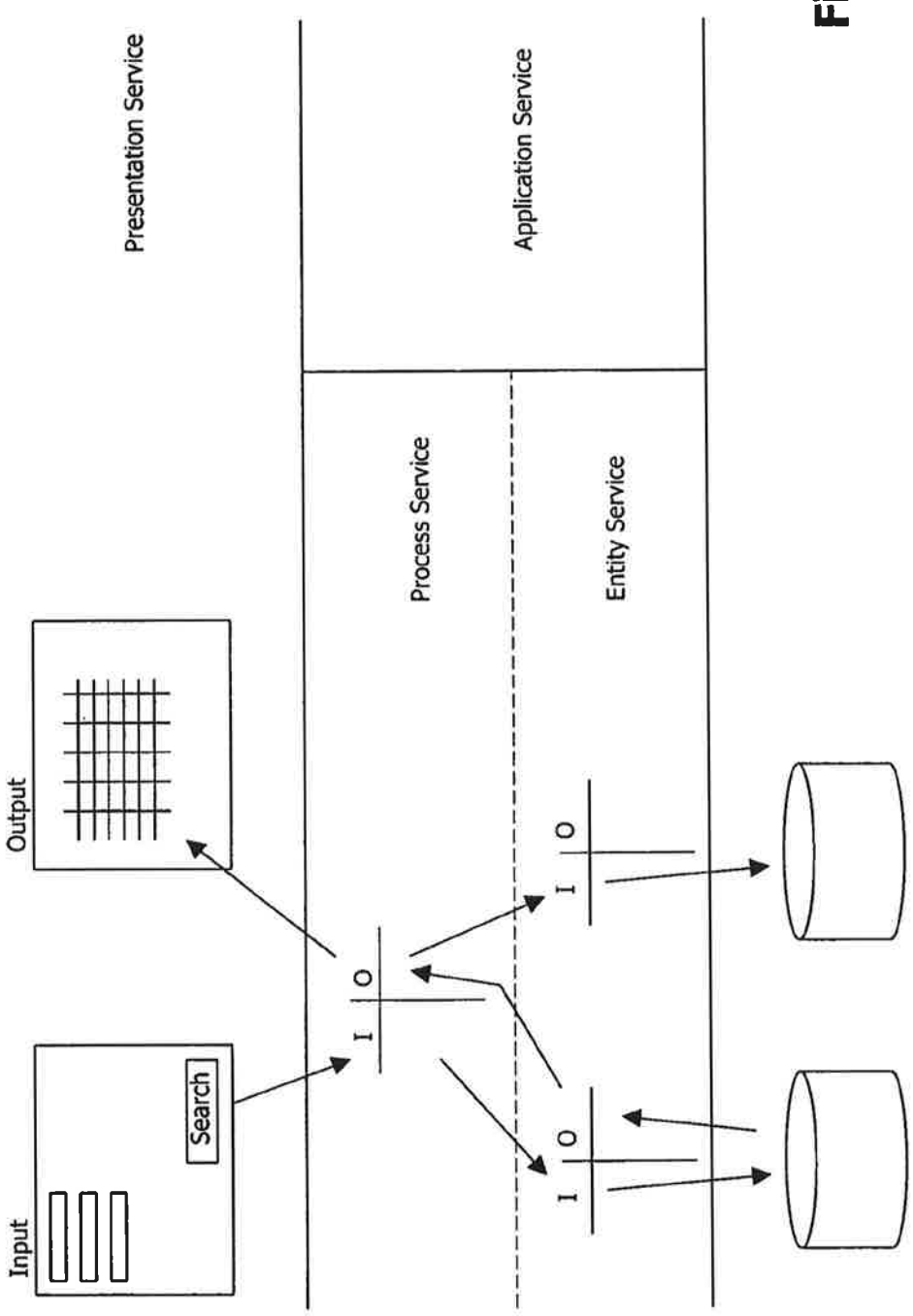

Presentation Service
Application Service
Process Service
Entity Service
Output
Input
Search
I
O
I
O
I
O

Fig. 11a

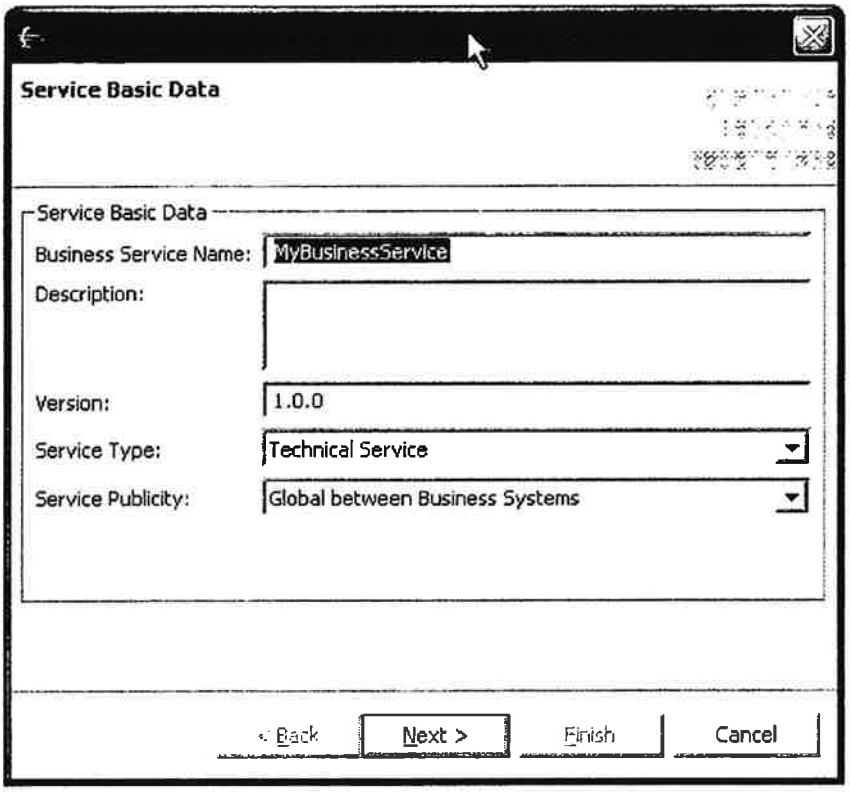

Service Basic Data
Service Basic Data
Business Service Name:
MyBusinessService
Description:
Version:
1.0.0
Service Type:
Technical Service
Service Publicity:
Global between Business Systems
< Back
Next >
Finish
Cancel

Fig. 12

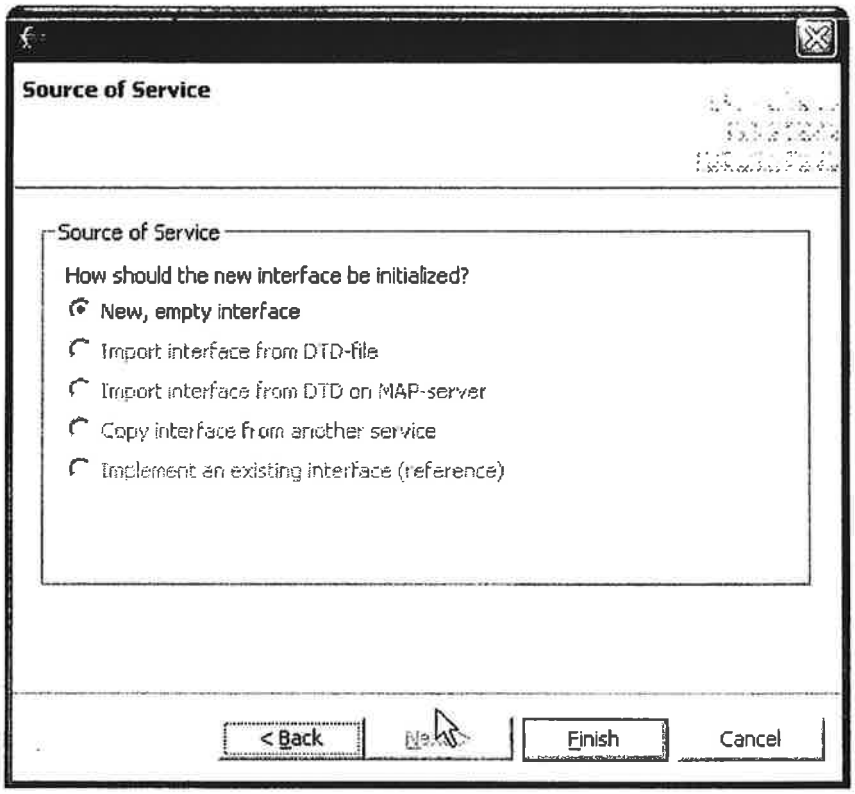

Source of Service
Source of Service
How should the new interface be initialized?
New, empty interface
Import interface from DTD-file
Import interface from DTD on MAP-server
Copy interface from another service
Implement an existing interface (reference)
< Back
Next >
Finish
Cancel

Fig. 13

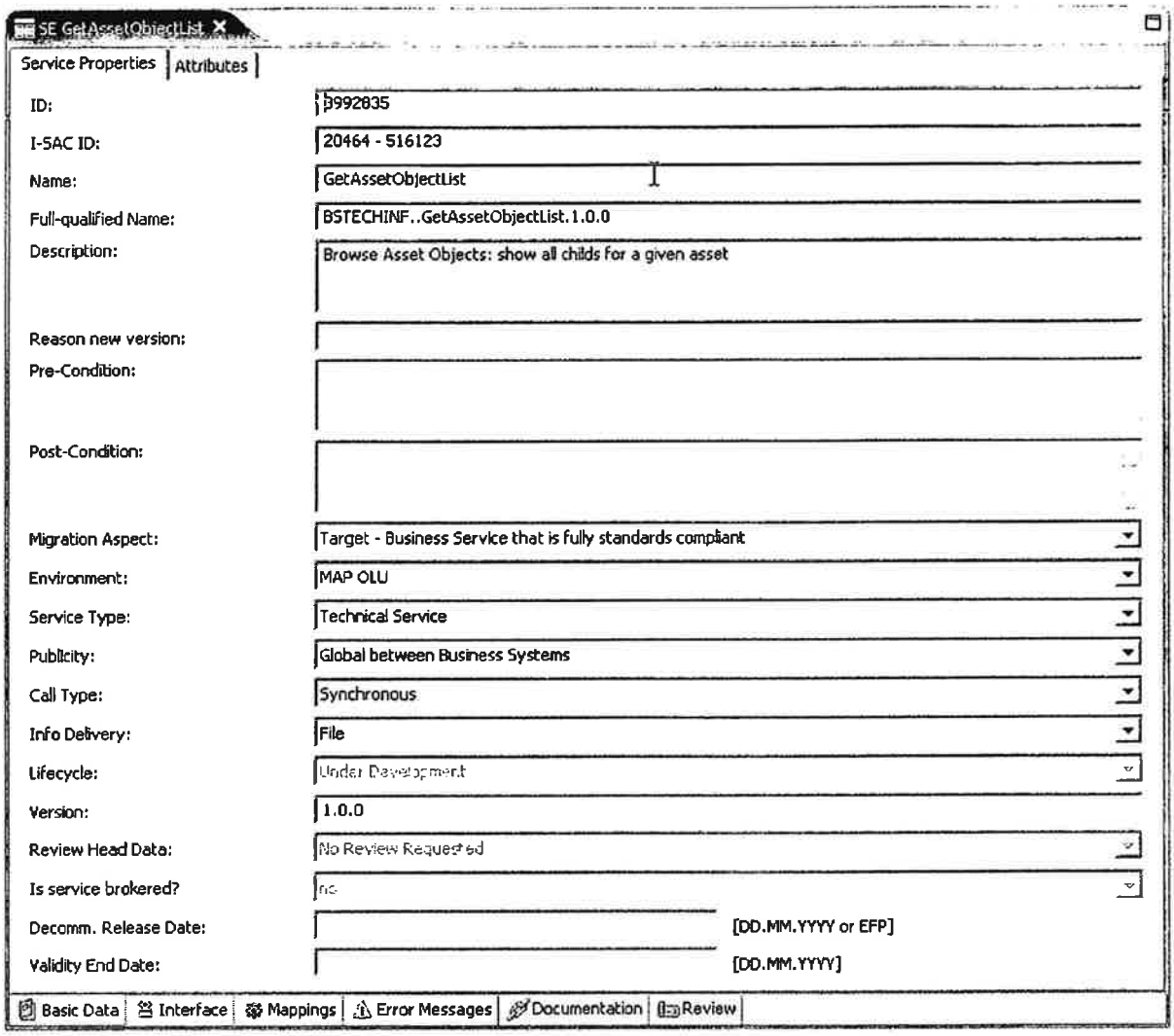

SE GetAssetObjectList
Service Properties
Attributes
ID:
3992835
I-SAC ID:
20464 - 516123
Name:
GetAssetObjectList
Full-qualified Name:
BSTECHINF..GetAssetObjectList.1.0.0
Description:
Browse Asset Objects: show all childs for a given asset
Reason new version:
Pre-Condition:
Post-Condition:
Migration Aspect:
Target - Business Service that is fully standards compliant
Environment:
MAP OLU
Service Type:
Technical Service
Publicity:
Global between Business Systems
Call Type:
Synchronous
Info Delivery:
File
Lifecycle:
Under Development
Version:
1.0.0
Review Head Data:
No Review Requested
Is service brokered?
no
Decomm. Release Date:
[DD.MM.YYYY or EFP]
Validity End Date:
[DD.MM.YYYY]
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 14

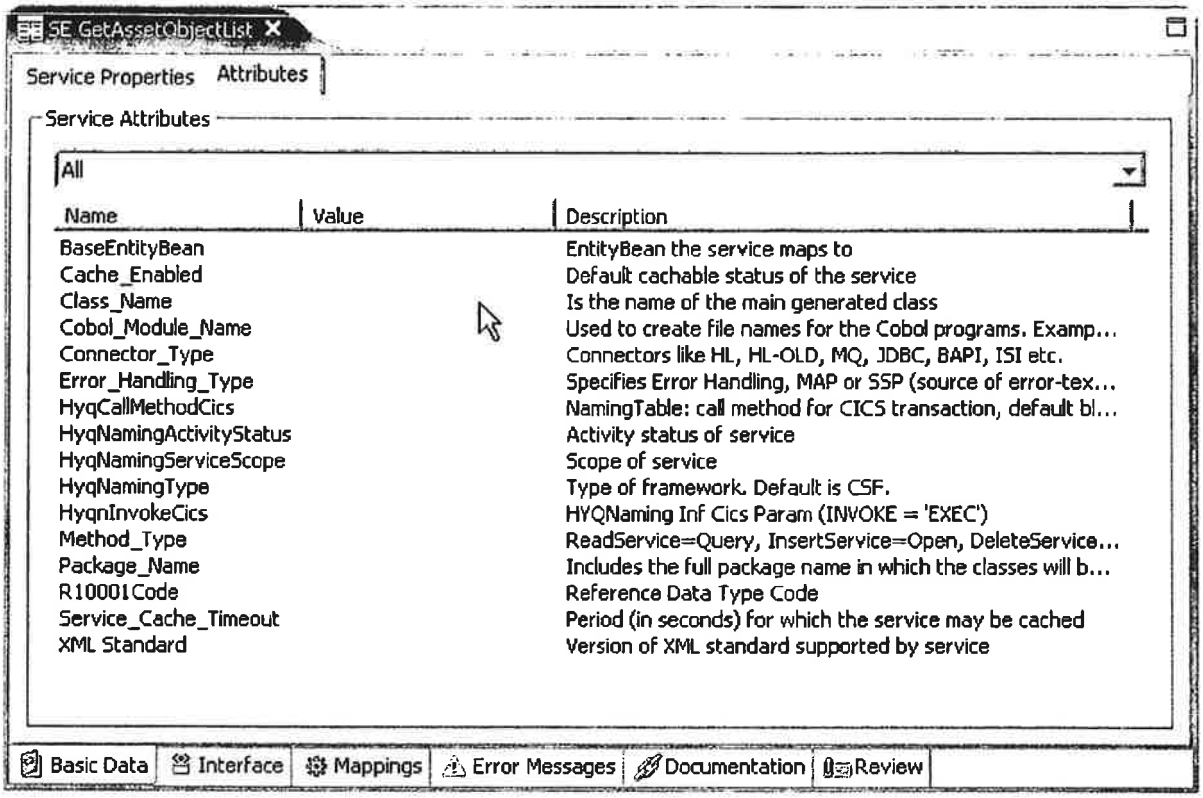

SE GetAssetObjectList
Service Properties
Attributes
Service Attributes
All
Name
Value
Description
BaseEntityBean
EntityBean the service maps to
Cache_Enabled
Default cachable status of the service
Class_Name
Is the name of the main generated class
Cobol_Module_Name
Used to create file names for the Cobol programs. Examp...
Connector_Type
Connectors like HL, HL-OLD, MQ, JDBC, BAPI, ISI etc.
Error_Handling_Type
Specifies Error Handling, MAP or SSP (source of error-tex...
HyqCallMethodCics
NamingTable: call method for CICS transaction, default bl...
HyqNamingActivityStatus
Activity status of service
HyqNamingServiceScope
Scope of service
HyqNamingType
Type of framework. Default is CSF.
HyqnInvokeCics
HYQNaming Inf Cics Param (INVOKE = 'EXEC')
Method_Type
ReadService=Query, InsertService=Open, DeleteService...
Package_Name
Includes the full package name in which the classes will b...
R10001Code
Reference Data Type Code
Service_Cache_Timeout
Period (in seconds) for which the service may be cached
XML Standard
Version of XML standard supported by service
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 15

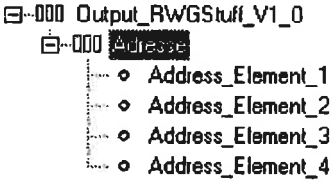

Output_RWGStuff_V1_0
Adresse
Address_Element_1
Address_Element_2
Address_Element_3
Address_Element_4

Fig. 16

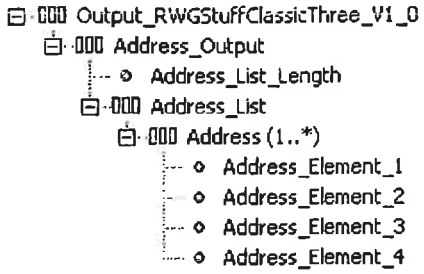


Fig. 17

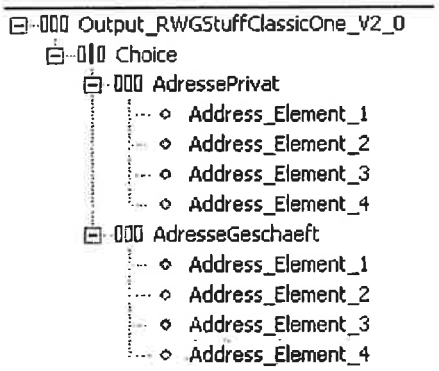


Fig. 18

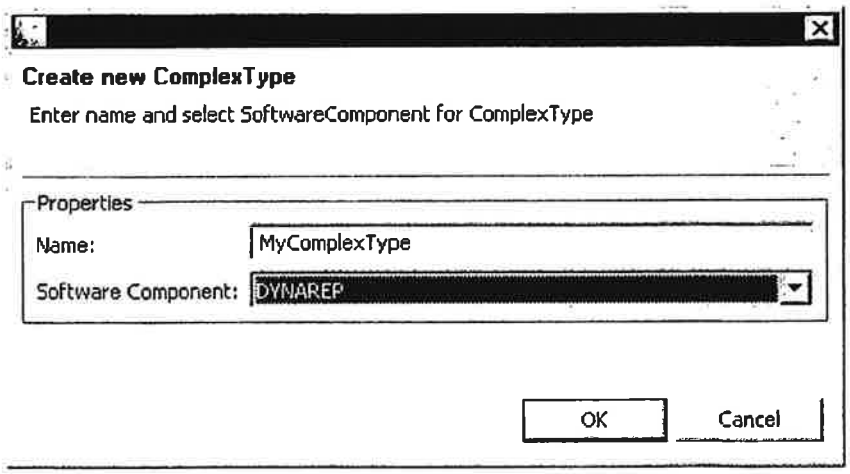


Fig. 19

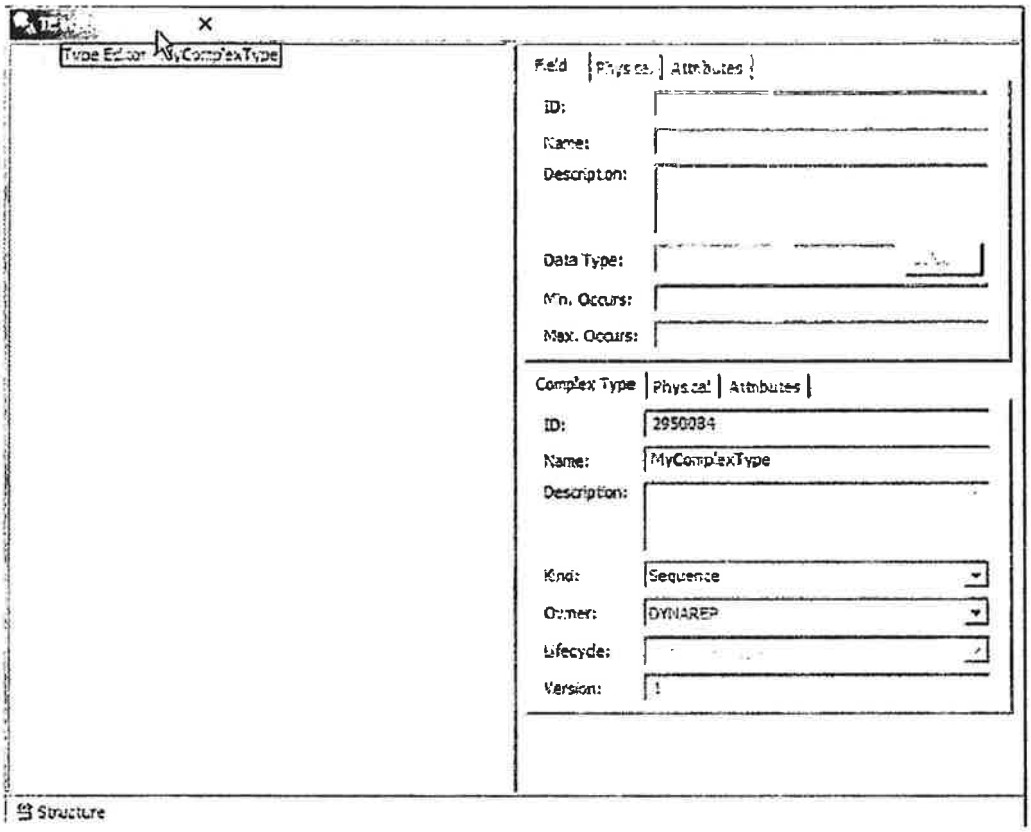

Type Editor MyComplexType
Field
Physical
Attributes
ID:
Name:
Description:
Data Type:
Min. Occurs:
Max. Occurs:
Complex Type
Physical
Attributes
ID:
2950084
Name:
MyComplexType
Description:
Kind:
Sequence
Owner:
DYNAREP
Lifecycle:
Version:
1
Structure

Fig. 20

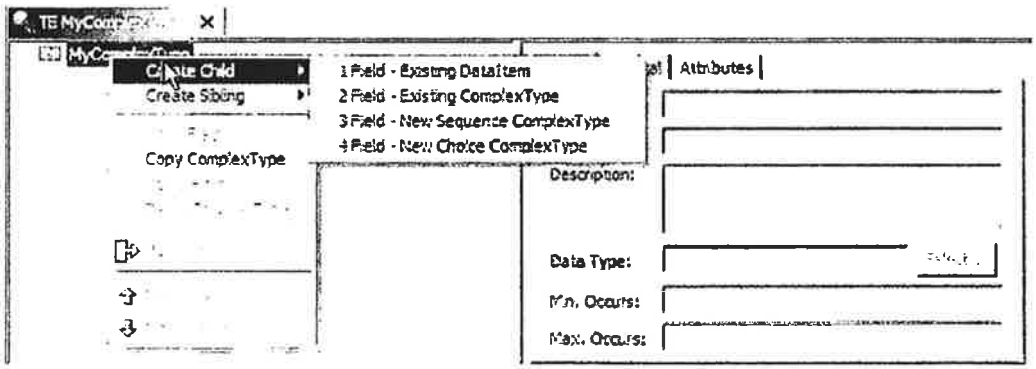

Create Child
Create Sibling
Copy ComplexType
1 Field - Existing DataItem
2 Field - Existing ComplexType
3 Field - New Sequence ComplexType
4 Field - New Choice ComplexType
Attributes
Description:
Data Type:
Min. Occurs:
Max. Occurs:

Fig. 21

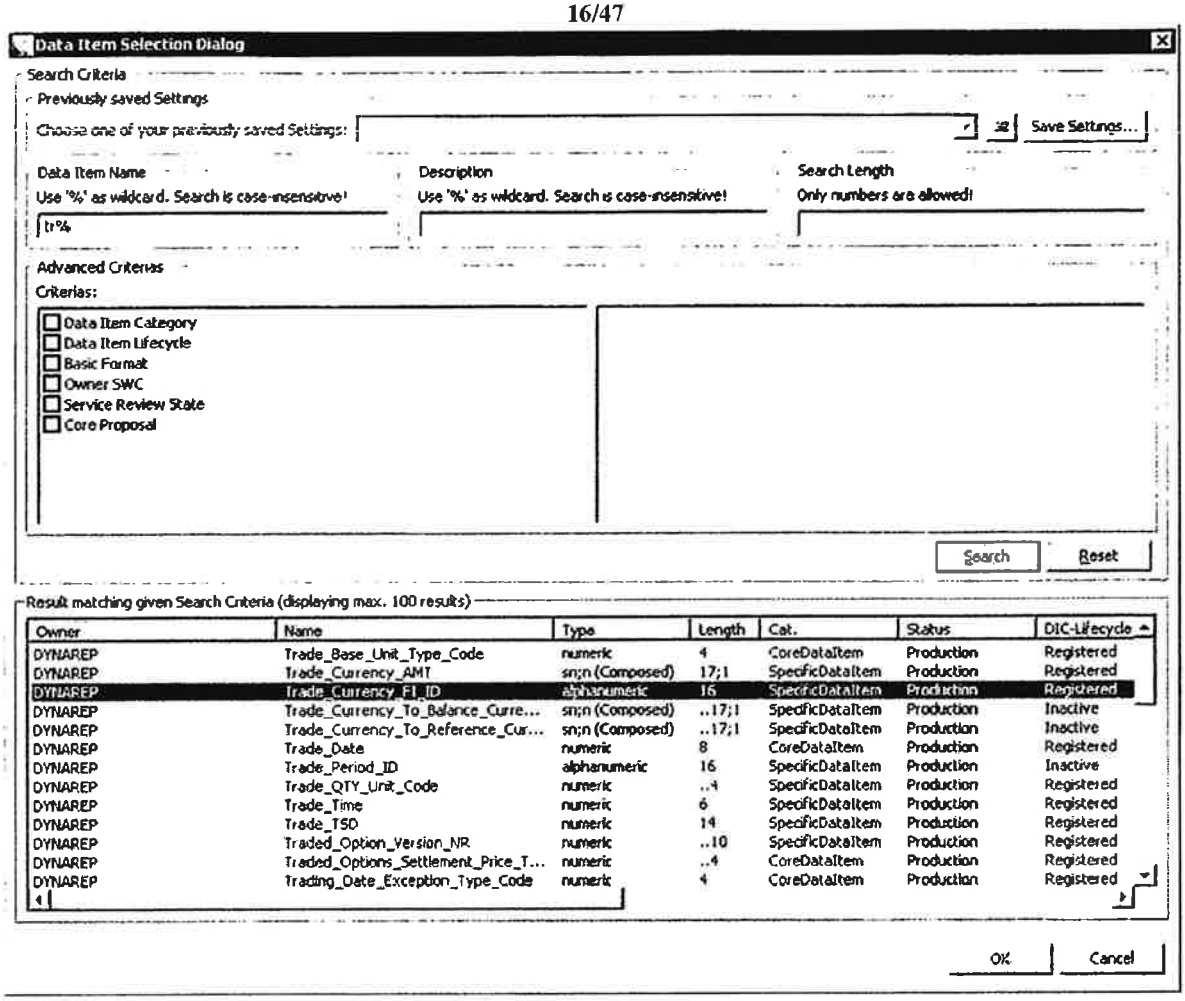

Data Item Selection Dialog
Search Criteria
Previously saved Settings
Choose one of your previously saved Settings:
Save Settings...
Data Item Name
Use '%' as wildcard. Search is case-insensitive!
tr%
Description
Use '%' as wildcard. Search is case-insensitive!
Search Length
Only numbers are allowed!
Advanced Criterias
Criterias:
Data Item Category
Data Item Lifecycle
Basic Format
Owner SWC
Service Review State
Core Proposal
Search
Reset
Result matching given Search Criteria (displaying max. 100 results)
Owner | Name | Type | Length | Cat. | Status | DIC-Lifecycle
DYNAREP | Trade_Base_Unit_Type_Code | numeric | 4 | CoreDataItem | Production | Registered
DYNAREP | Trade_Currency_AMT | sn;n (Composed) | 17;1 | SpecificDataItem | Production | Registered
DYNAREP | Trade_Currency_FI_ID | alphanumeric | 16 | SpecificDataItem | Production | Registered
DYNAREP | Trade_Currency_To_Balance_Curre... | sn;n (Composed) | ..17;1 | SpecificDataItem | Production | Inactive
DYNAREP | Trade_Currency_To_Reference_Cur... | sn;n (Composed) | ..17;1 | SpecificDataItem | Production | Inactive
DYNAREP | Trade_Date | numeric | 8 | CoreDataItem | Production | Registered
DYNAREP | Trade_Period_ID | alphanumeric | 16 | SpecificDataItem | Production | Inactive
DYNAREP | Trade_QTY_Unit_Code | numeric | ..4 | SpecificDataItem | Production | Registered
DYNAREP | Trade_Time | numeric | 6 | SpecificDataItem | Production | Registered
DYNAREP | Trade_TSD | numeric | 14 | SpecificDataItem | Production | Registered
DYNAREP | Traded_Option_Version_NR | numeric | ..10 | SpecificDataItem | Production | Registered
DYNAREP | Traded_Options_Settlement_Price_T... | numeric | ..4 | CoreDataItem | Production | Registered
DYNAREP | Trading_Date_Exception_Type_Code | numeric | 4 | CoreDataItem | Production | Registered
OK
Cancel

Fig. 22

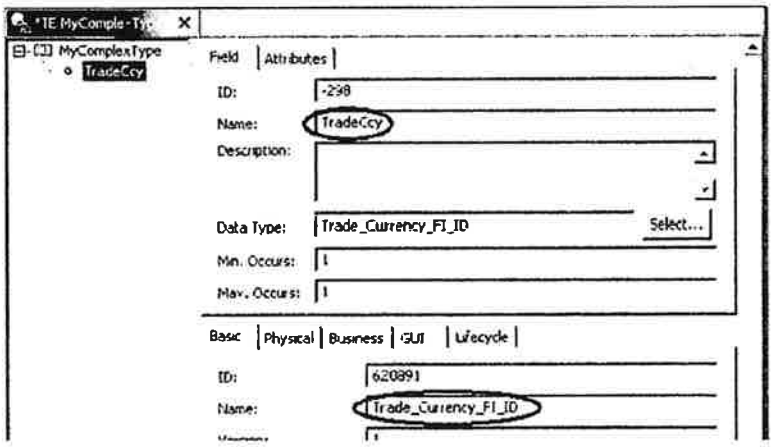

MyComplexType
TradeCcy
Field
Attributes
ID:
-298
Name:
TradeCcy
Description:
Data Type:
Trade_Currency_FI_ID
Select...
Min. Occurs:
1
Max. Occurs:
1
Basic
Physical
Business
GUI
Lifecycle
ID:
620891
Name:
Trade_Currency_FI_ID

Fig. 23

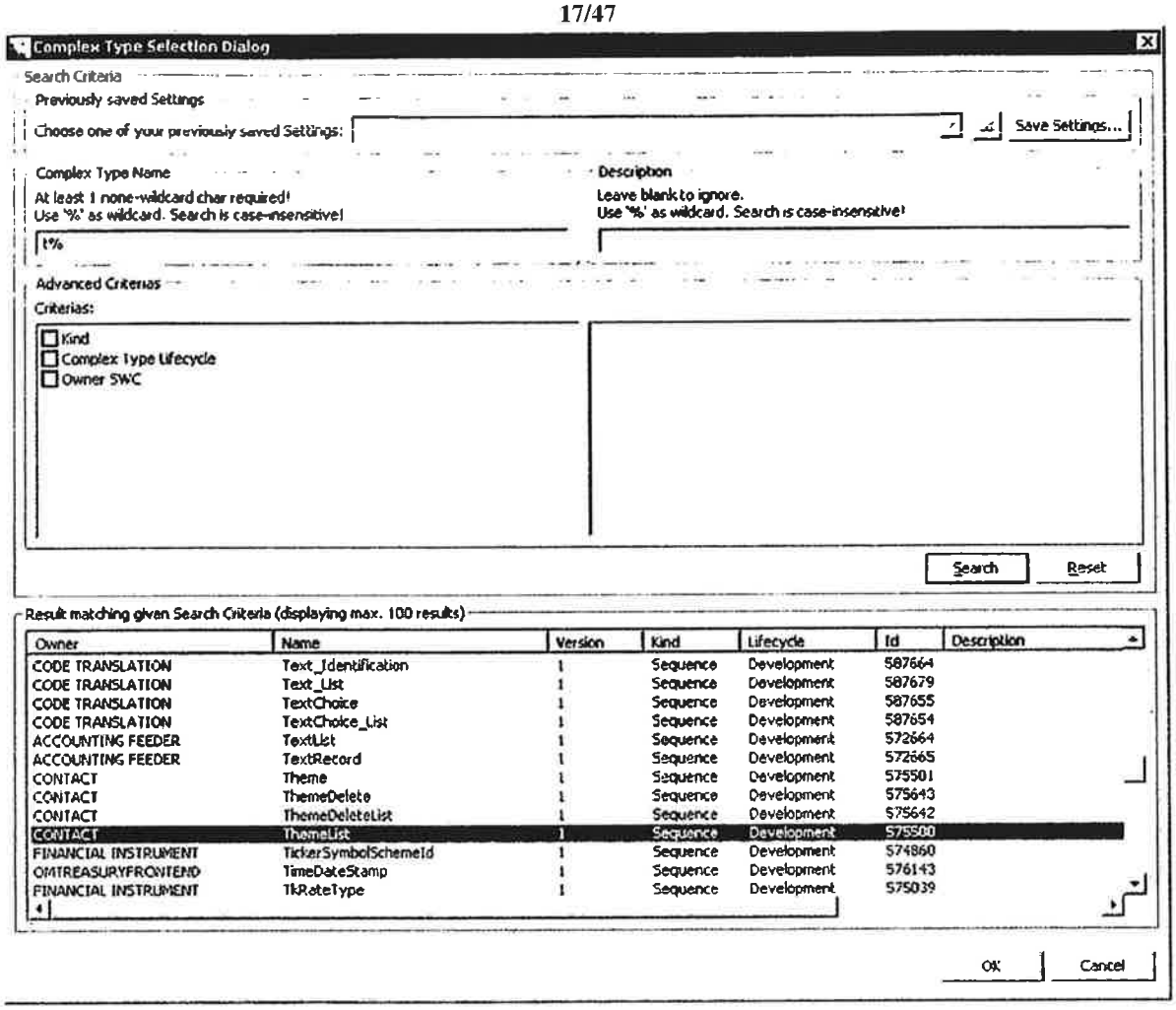

Complex Type Selection Dialog
Search Criteria
Previously saved Settings
Choose one of your previously saved Settings:
Save Settings...
Complex Type Name
At least 1 none-wildcard char required!
Use '%' as wildcard. Search is case-insensitive!
t%
Description
Leave blank to ignore.
Use '%' as wildcard. Search is case-insensitive!
Advanced Criterias
Criterias:
Kind
Complex Type Lifecycle
Owner SWC
Search
Reset
Result matching given Search Criteria (displaying max. 100 results)
Owner
Name
Version
Kind
Lifecycle
Id
Description
CODE TRANSLATION Text_Identification 1 Sequence Development 587664
CODE TRANSLATION Text_List 1 Sequence Development 587679
CODE TRANSLATION TextChoice 1 Sequence Development 587655
CODE TRANSLATION TextChoice_List 1 Sequence Development 587654
ACCOUNTING FEEDER TextList 1 Sequence Development 572664
ACCOUNTING FEEDER TextRecord 1 Sequence Development 572665
CONTACT Theme 1 Sequence Development 575501
CONTACT ThemeDelete 1 Sequence Development 575643
CONTACT ThemeDeleteList 1 Sequence Development 575642
CONTACT ThemeList 1 Sequence Development 575500
FINANCIAL INSTRUMENT TickerSymbolSchemeId 1 Sequence Development 574860
OMTREASURYFRONTEND TimeDateStamp 1 Sequence Development 576143
FINANCIAL INSTRUMENT TkRateType 1 Sequence Development 575039
OK
Cancel

Fig. 24

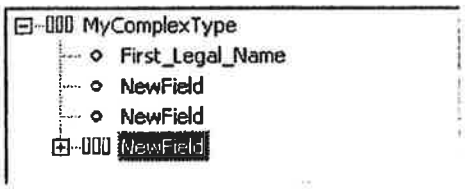

MyComplexType
First_Legal_Name
NewField
NewField
NewField

Fig. 25

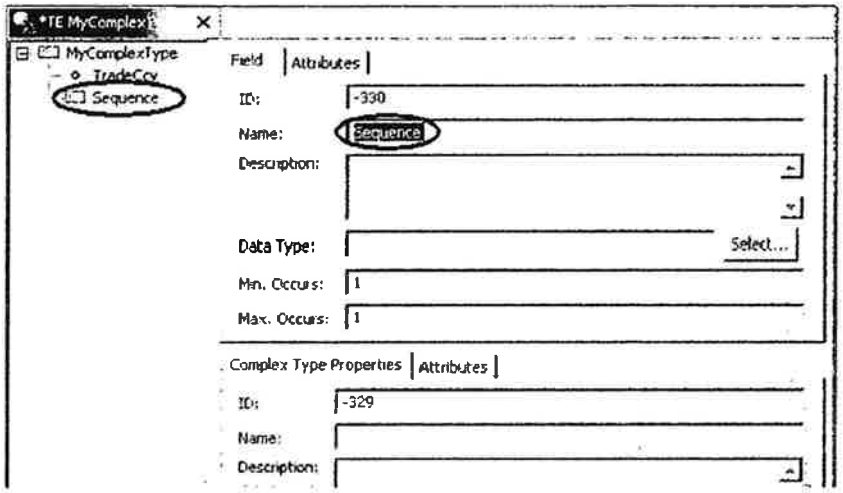

*TE MyComplex
MyComplexType
TradeCcy
Sequence
Field
Attributes
ID:
-330
Name:
Sequence
Description:
Data Type:
Select...
Min. Occurs:
1
Max. Occurs:
1
Complex Type Properties
Attributes
ID:
-329
Name:
Description:

Fig. 26

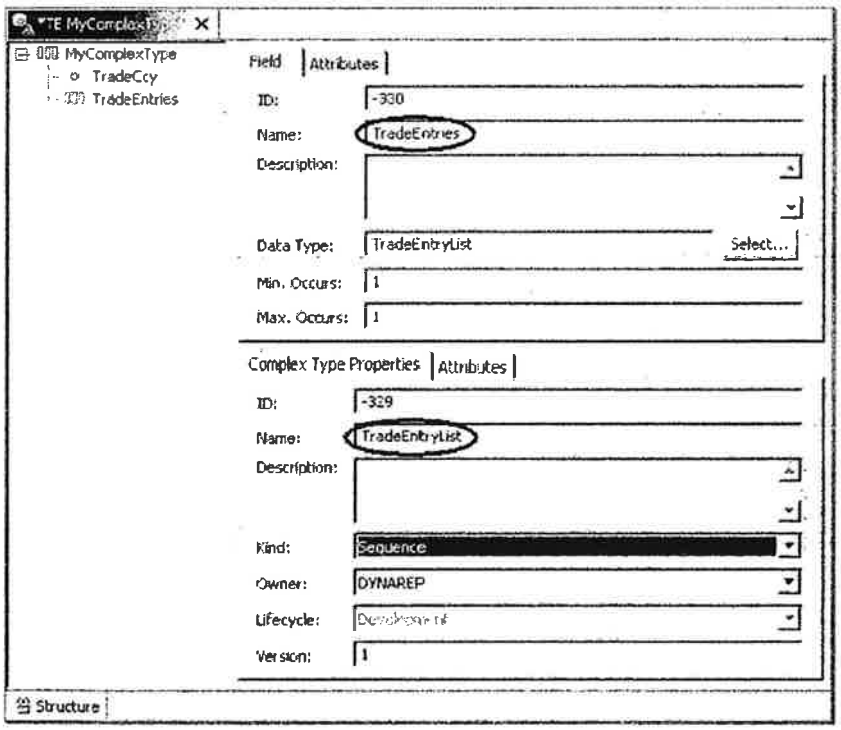

*TE MyComplexType
MyComplexType
TradeCcy
TradeEntries
Field
Attributes
ID:
-330
Name:
TradeEntries
Description:
Data Type:
TradeEntryList
Select...
Min. Occurs:
1
Max. Occurs:
1
Complex Type Properties
Attributes
ID:
-329
Name:
TradeEntryList
Description:
Kind:
Sequence
Owner:
DYNAREP
Lifecycle:
Version:
1
Structure

Fig. 27

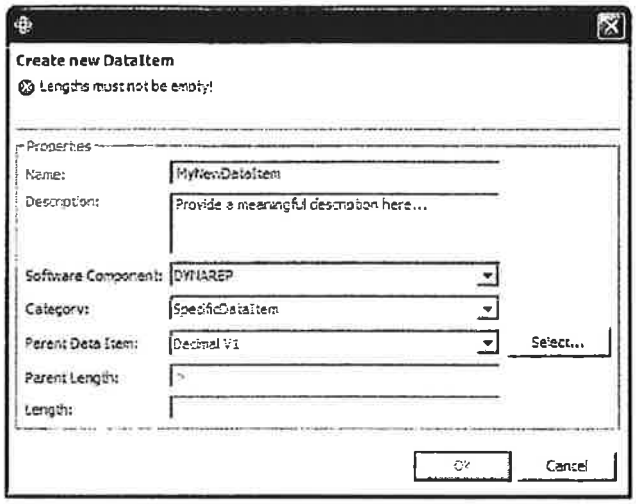

Create new DataItem
Lengths must not be empty!
Properties
Name:
MyNewDataItem
Description:
Provide a meaningful description here...
Software Component:
DYNAREP
Category:
SpecificDataItem
Parent Data Item:
Decimal V1
Select...
Parent Length:
Length:
OK
Cancel

Fig. 28

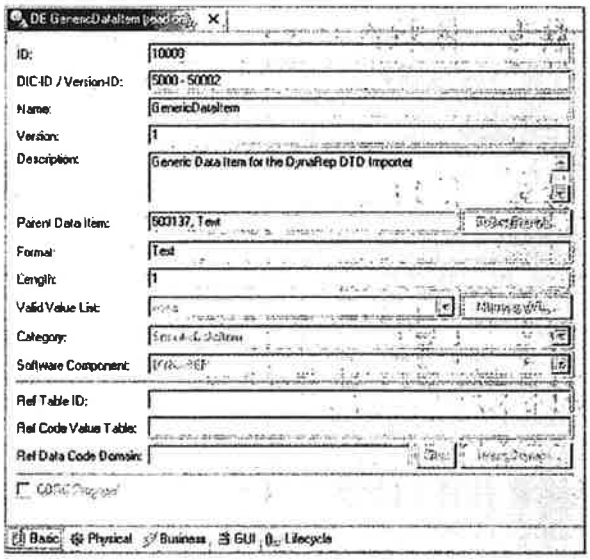

ID:
10000
DIC-ID / Version-ID:
5000 - 50002
Name:
GenericDataItem
Version:
1
Description:
Generic Data Item for the DynaRep DTD Importer
Parent Data Item:
503137, Text
Format:
Text
Length:
1
Valid Value List:
Category:
Software Component:
Ref Table ID:
Ref Code Value Table:
Ref Data Code Domain:
Basic
Physical
Business
GUI
Lifecycle

Fig. 29

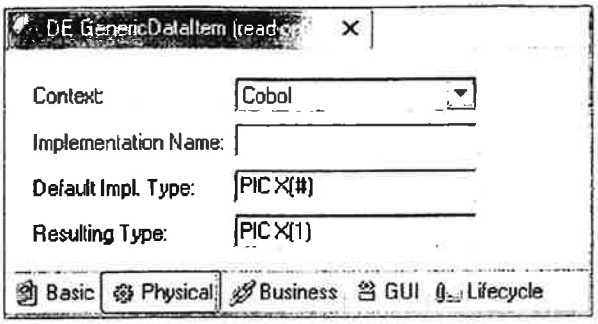


Fig. 30

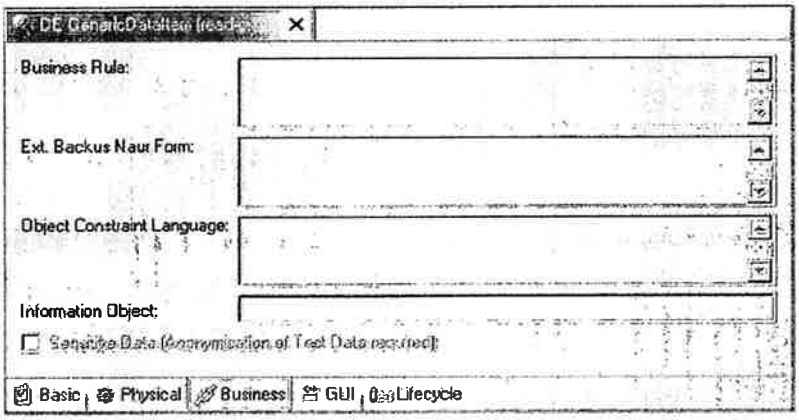


Fig. 31

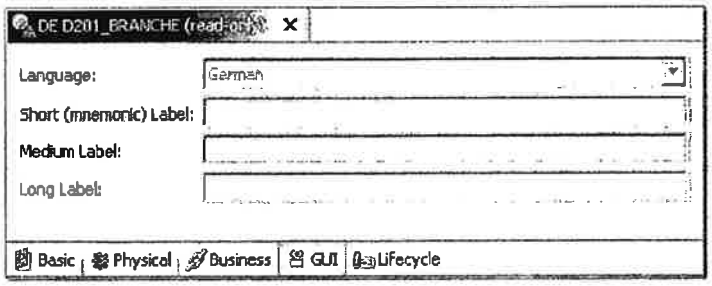


Fig. 32

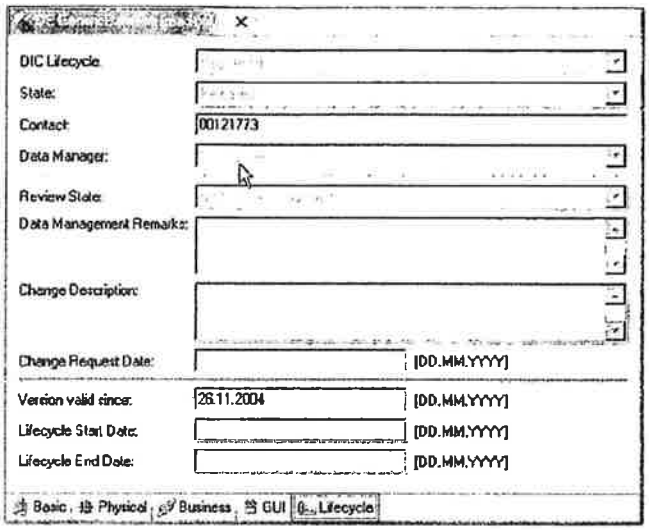

DIC Lifecycle:
State:
Contact:
00121773
Data Manager:
Review State:
Data Management Remarks:
Change Description:
Change Request Date:
[DD.MM.YYYY]
Version valid since:
28.11.2004
[DD.MM.YYYY]
Lifecycle Start Date:
[DD.MM.YYYY]
Lifecycle End Date:
[DD.MM.YYYY]
Basic
Physical
Business
GUI
Lifecycle

Fig. 33

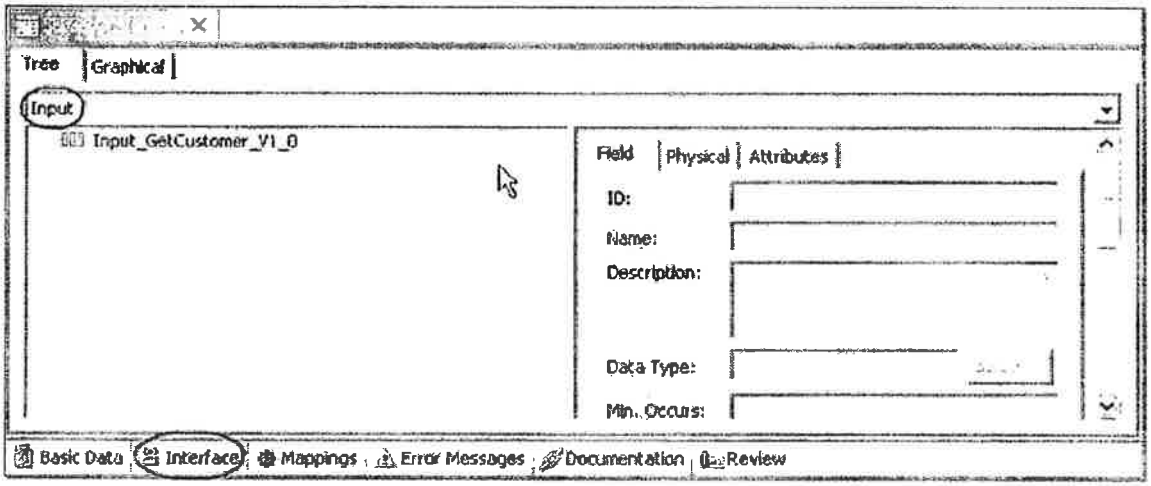

Tree
Graphical
Input
Input_GetCustomer_V1_0
Field
Physical
Attributes
ID:
Name:
Description:
Data Type:
Min. Occurs:
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 34

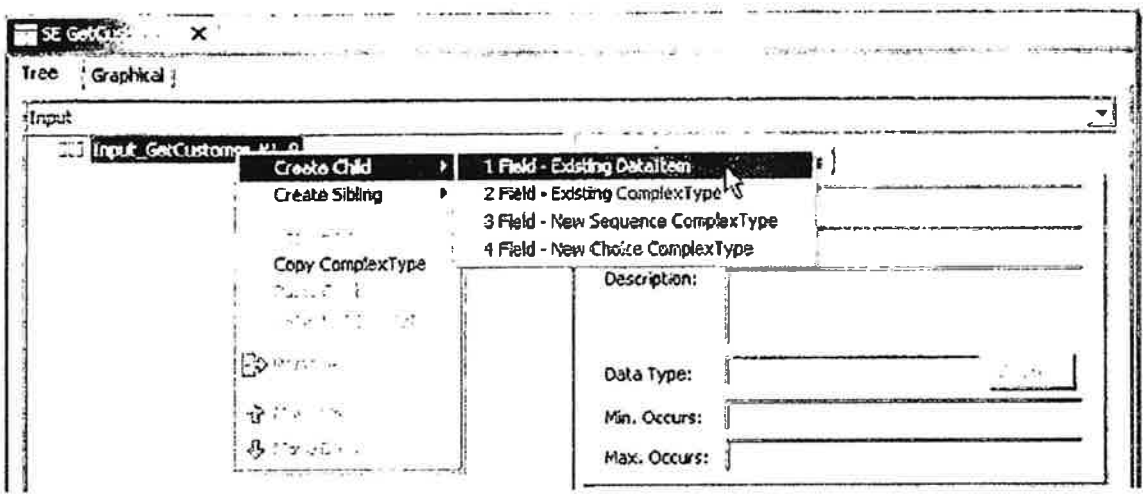

Tree
Graphical
Input
Create Child
Create Sibling
Copy ComplexType
1 Field - Existing DataItem
2 Field - Existing ComplexType
3 Field - New Sequence ComplexType
4 Field - New Choice ComplexType
Description:
Data Type:
Min. Occurs:
Max. Occurs:

Fig. 35

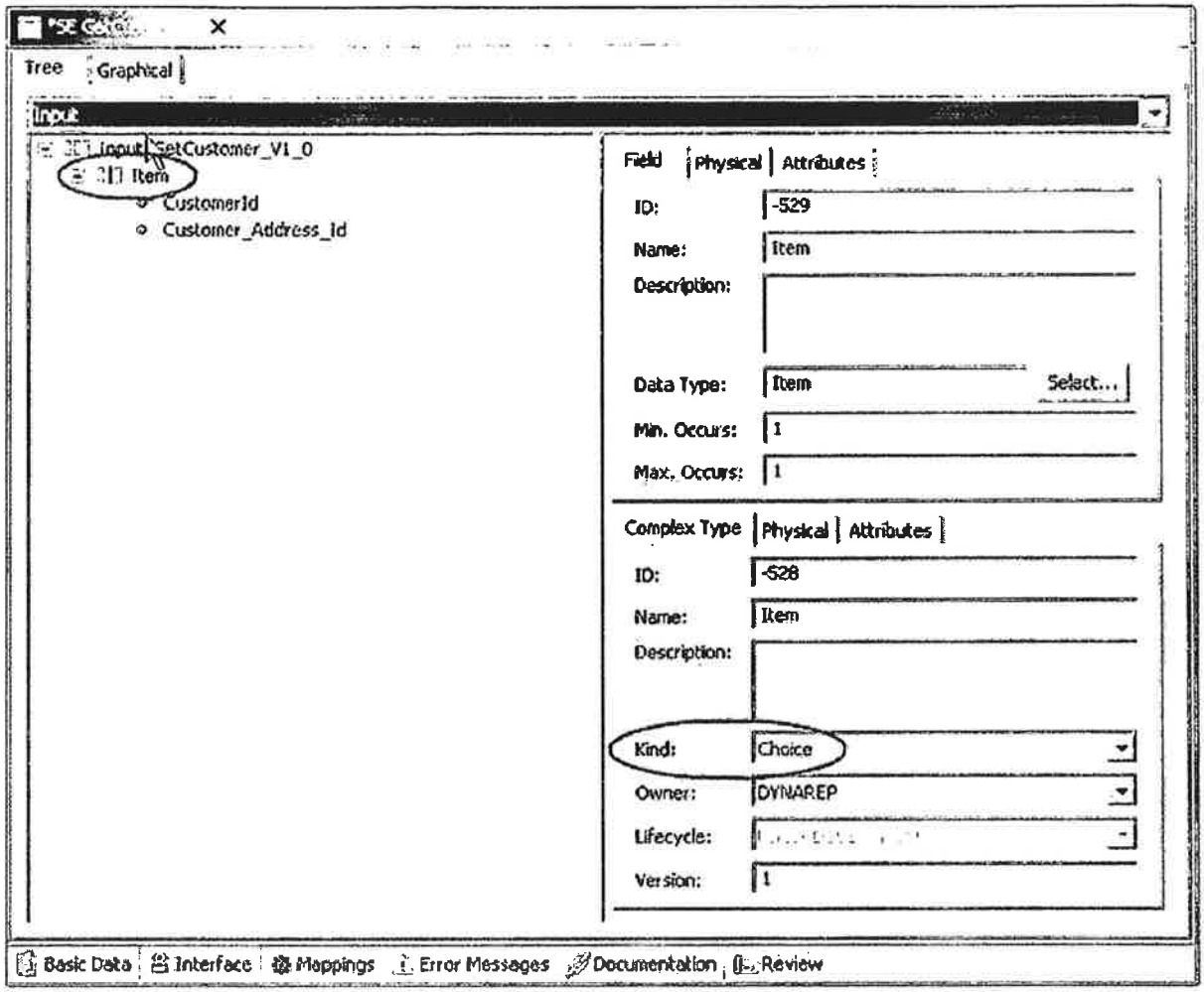

Tree
Graphical
Input
Input_SetCustomer_V1_0
Item
CustomerId
Customer_Address_Id
Field
Physical
Attributes
ID:
-529
Name:
Item
Description:
Data Type:
Item
Select...
Min. Occurs:
1
Max. Occurs:
1
Complex Type
Physical
Attributes
ID:
-528
Name:
Item
Description:
Kind:
Choice
Owner:
DYNAREP
Lifecycle:
Version:
1
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 36

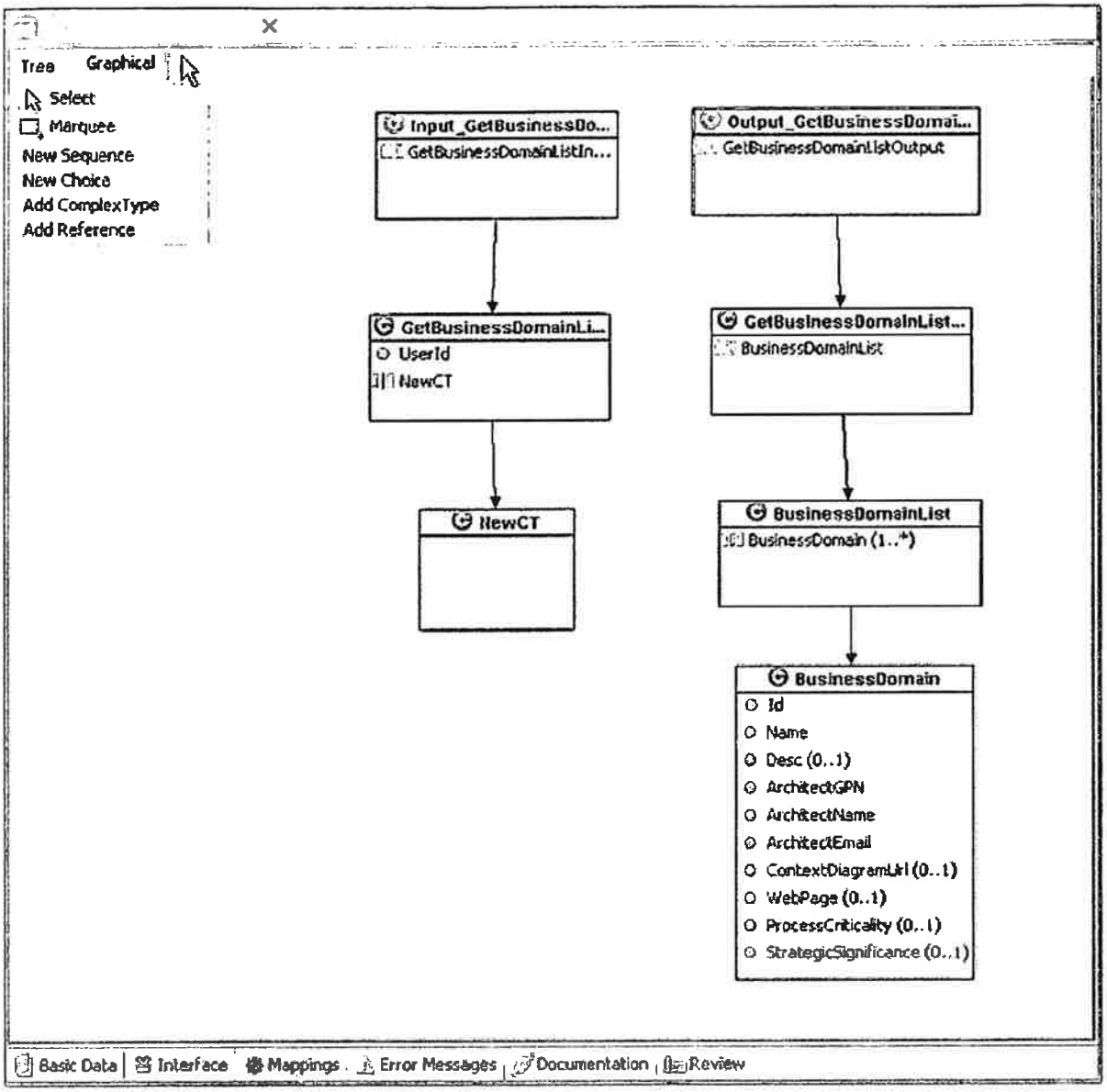

Tree
Graphical
Select
Marquee
New Sequence
New Choice
Add ComplexType
Add Reference
Input_GetBusinessDo...
GetBusinessDomainListIn...
Output_GetBusinessDomai...
GetBusinessDomainListOutput
GetBusinessDomainLi...
UserId
NewCT
GetBusinessDomainList...
BusinessDomainList
NewCT
BusinessDomainList
BusinessDomain (1..*)
BusinessDomain
Id
Name
Desc (0..1)
ArchitectGPN
ArchitectName
ArchitectEmail
ContextDiagramUrl (0..1)
WebPage (0..1)
ProcessCriticality (0..1)
StrategicSignificance (0..1)
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 37

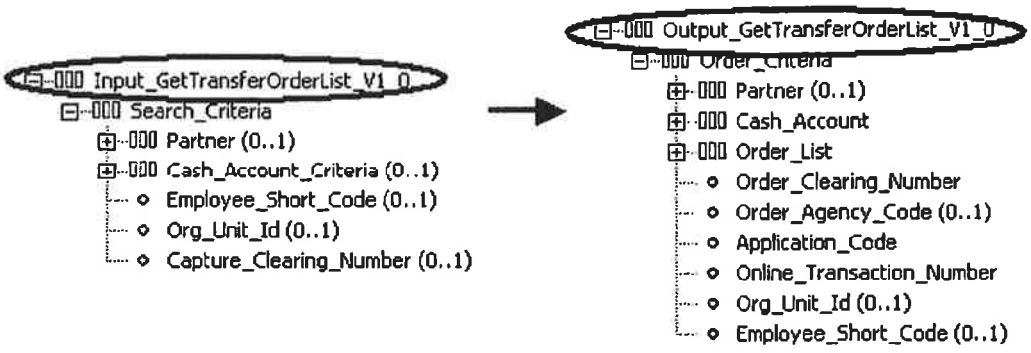

Input_GetTransferOrderList_V1_0
Search_Criteria
Partner (0..1)
Cash_Account_Criteria (0..1)
Employee_Short_Code (0..1)
Org_Unit_Id (0..1)
Capture_Clearing_Number (0..1)
Output_GetTransferOrderList_V1_0
Order_Criteria
Partner (0..1)
Cash_Account
Order_List
Order_Clearing_Number
Order_Agency_Code (0..1)
Application_Code
Online_Transaction_Number
Org_Unit_Id (0..1)
Employee_Short_Code (0..1)

Fig. 38

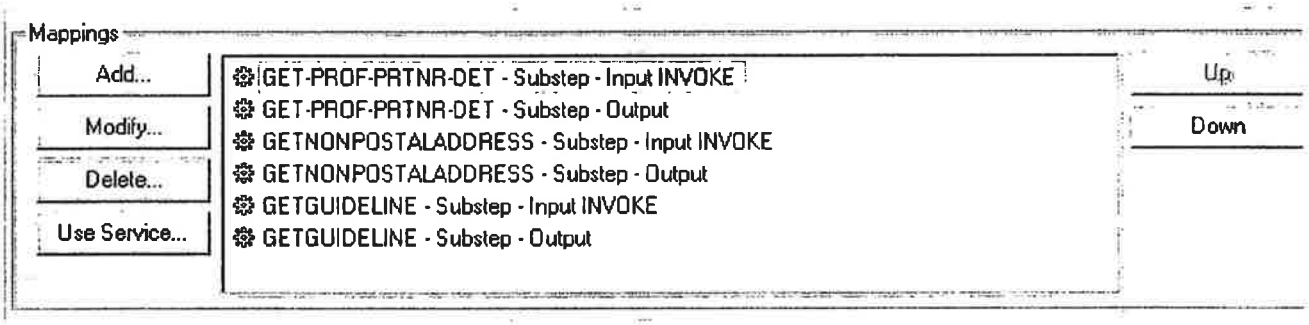

Mappings
Add...
Modify...
Delete...
Use Service...
GET-PROF-PRTNR-DET - Substep - Input INVOKE
GET-PROF-PRTNR-DET - Substep - Output
GETNONPOSTALADDRESS - Substep - Input INVOKE
GETNONPOSTALADDRESS - Substep - Output
GETGUIDELINE - Substep - Input INVOKE
GETGUIDELINE - Substep - Output
Up
Down

Fig. 39

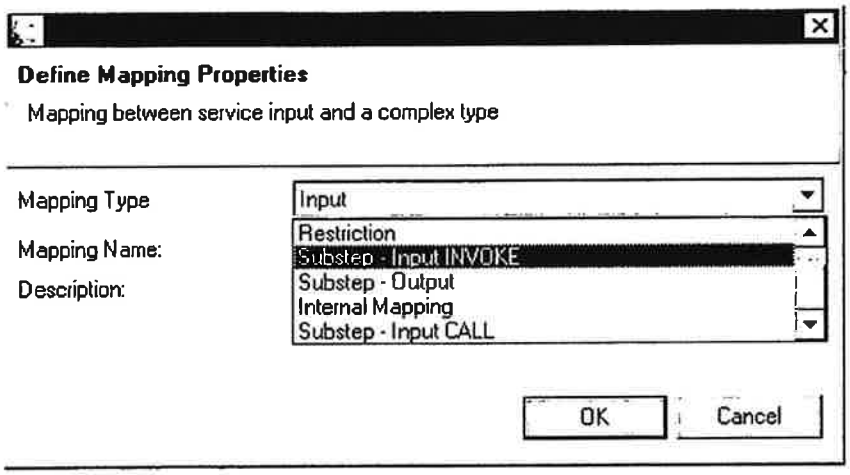

Define Mapping Properties
Mapping between service input and a complex type
Mapping Type
Input
Mapping Name:
Description:
Restriction
Substep - Input INVOKE
Substep - Output
Internal Mapping
Substep - Input CALL
OK
Cancel

Fig. 40

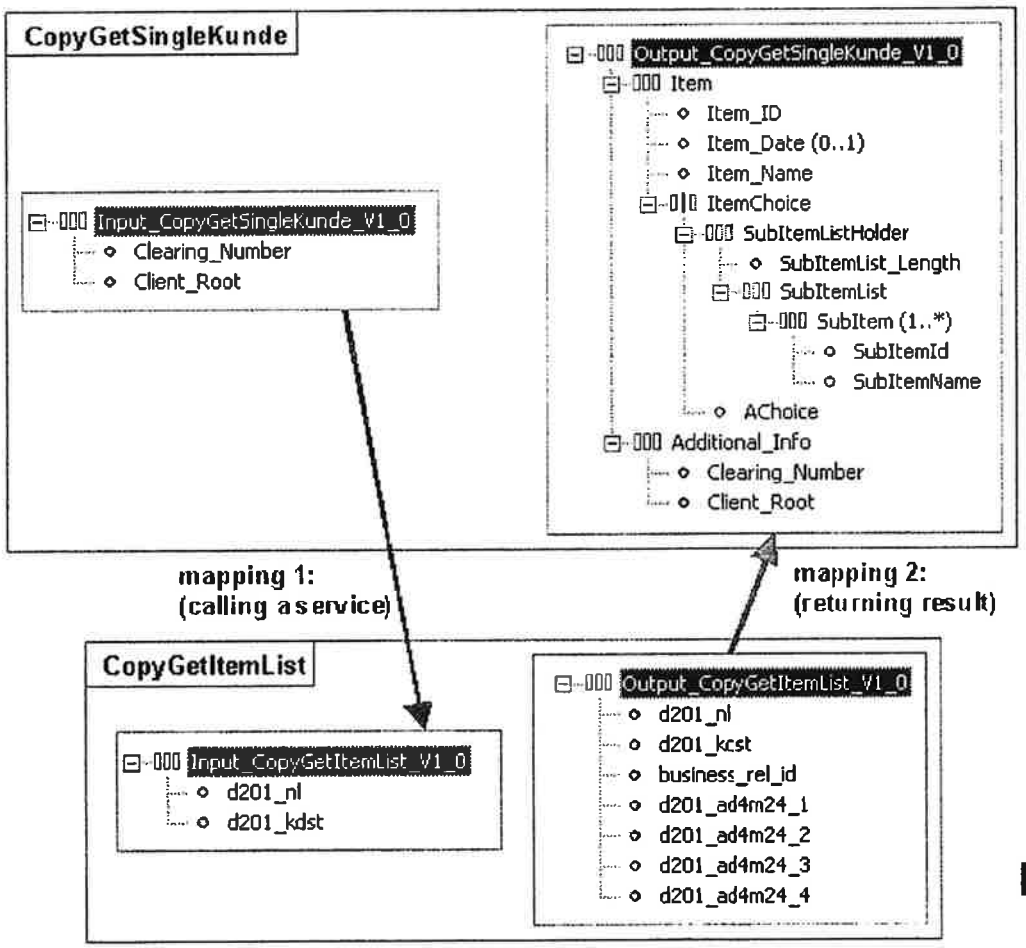

CopyGetSingleKunde
Input_CopyGetSingleKunde_V1_0
Clearing_Number
Client_Root
Output_CopyGetSingleKunde_V1_0
Item
Item_ID
Item_Date (0..1)
Item_Name
ItemChoice
SubItemListHolder
SubItemList_Length
SubItemList
SubItem (1..*)
SubItemId
SubItemName
AChoice
Additional_Info
Clearing_Number
Client_Root
mapping 1:
(calling a service)
mapping 2:
(returning result)
CopyGetItemList
Input_CopyGetItemList_V1_0
d201_nl
d201_kdst
Output_CopyGetItemList_V1_0
d201_nl
d201_kcst
business_rel_id
d201_ad4m24_1
d201_ad4m24_2
d201_ad4m24_3
d201_ad4m24_4

Fig. 41

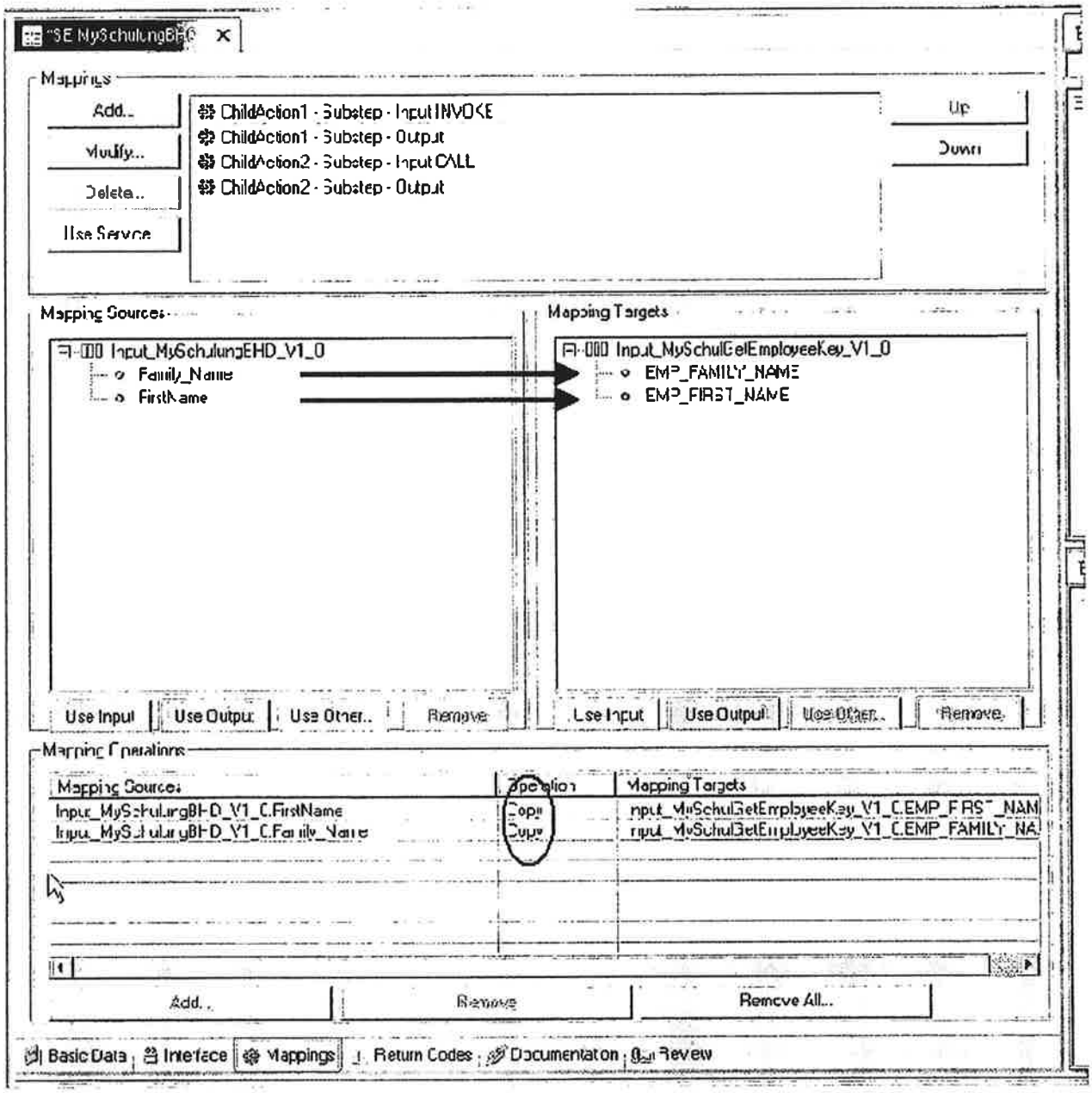

Mappings
Add...
Modify...
Delete...
Use Service
ChildAction1 - Substep - Input INVOKE
ChildAction1 - Substep - Output
ChildAction2 - Substep - Input CALL
ChildAction2 - Substep - Output
Up
Down
Mapping Sources
Input_MySchulungEHD_V1_0
Family_Name
FirstName
Mapping Targets
Input_MySchulGetEmployeeKey_V1_0
EMP_FAMILY_NAME
EMP_FIRST_NAME
Use Input
Use Output
Use Other...
Remove
Mapping Operations
Mapping Sources
Operation
Mapping Targets
Input_MySchulungEHD_V1_0.FirstName
Input_MySchulungEHD_V1_0.Family_Name
Copy
Copy
Add...
Remove
Remove All...
Basic Data
Interface
Mappings
Return Codes
Documentation
Review

Fig. 42

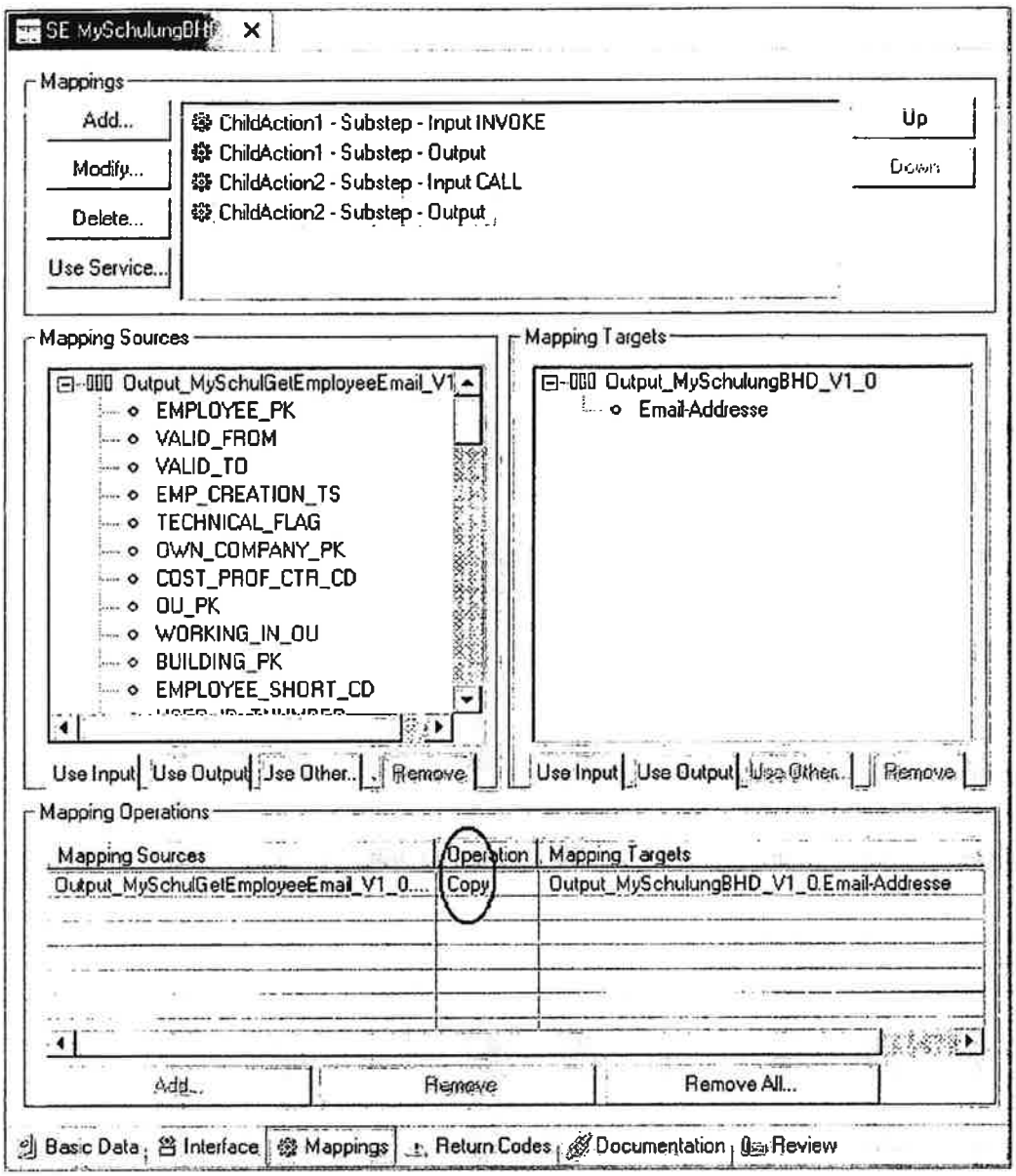

SE MySchulungBHD
Mappings
Add...
Modify...
Delete...
Use Service...
ChildAction1 - Substep - Input INVOKE
ChildAction1 - Substep - Output
ChildAction2 - Substep - Input CALL
ChildAction2 - Substep - Output
Up
Down
Mapping Sources
Output_MySchulGetEmployeeEmail_V1
EMPLOYEE_PK
VALID_FROM
VALID_TO
EMP_CREATION_TS
TECHNICAL_FLAG
OWN_COMPANY_PK
COST_PROF_CTR_CD
OU_PK
WORKING_IN_OU
BUILDING_PK
EMPLOYEE_SHORT_CD
Use Input
Use Output
Use Other...
Remove
Mapping Targets
Output_MySchulungBHD_V1_0
Email-Addresse
Use Input
Use Output
Use Other...
Remove
Mapping Operations
Mapping Sources
Operation
Mapping Targets
Output_MySchulGetEmployeeEmail_V1_0....
Copy
Output_MySchulungBHD_V1_0.Email-Addresse
Add...
Remove
Remove All...
Basic Data
Interface
Mappings
Return Codes
Documentation
Review

Fig. 43

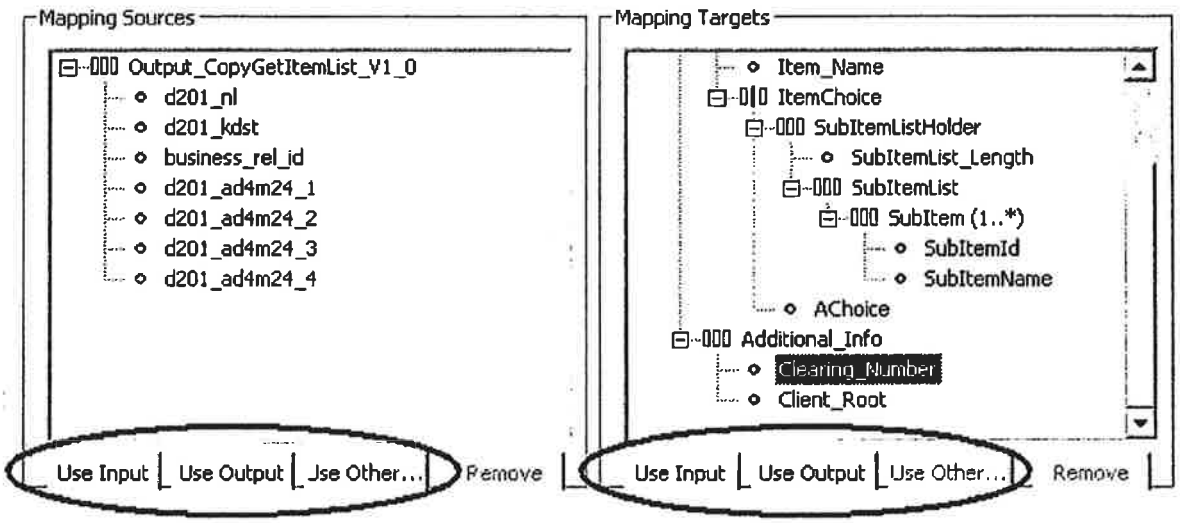

Mapping Sources
Output_CopyGetItemList_V1_0
d201_nl
d201_kdst
business_rel_id
d201_ad4m24_1
d201_ad4m24_2
d201_ad4m24_3
d201_ad4m24_4
Use Input
Use Output
Use Other...
Remove
Mapping Targets
Item_Name
ItemChoice
SubItemListHolder
SubItemList_Length
SubItemList
SubItem (1..*)
SubItemId
SubItemName
AChoice
Additional_Info
Clearing_Number
Client_Root
Use Input
Use Output
Use Other...
Remove

Fig. 44

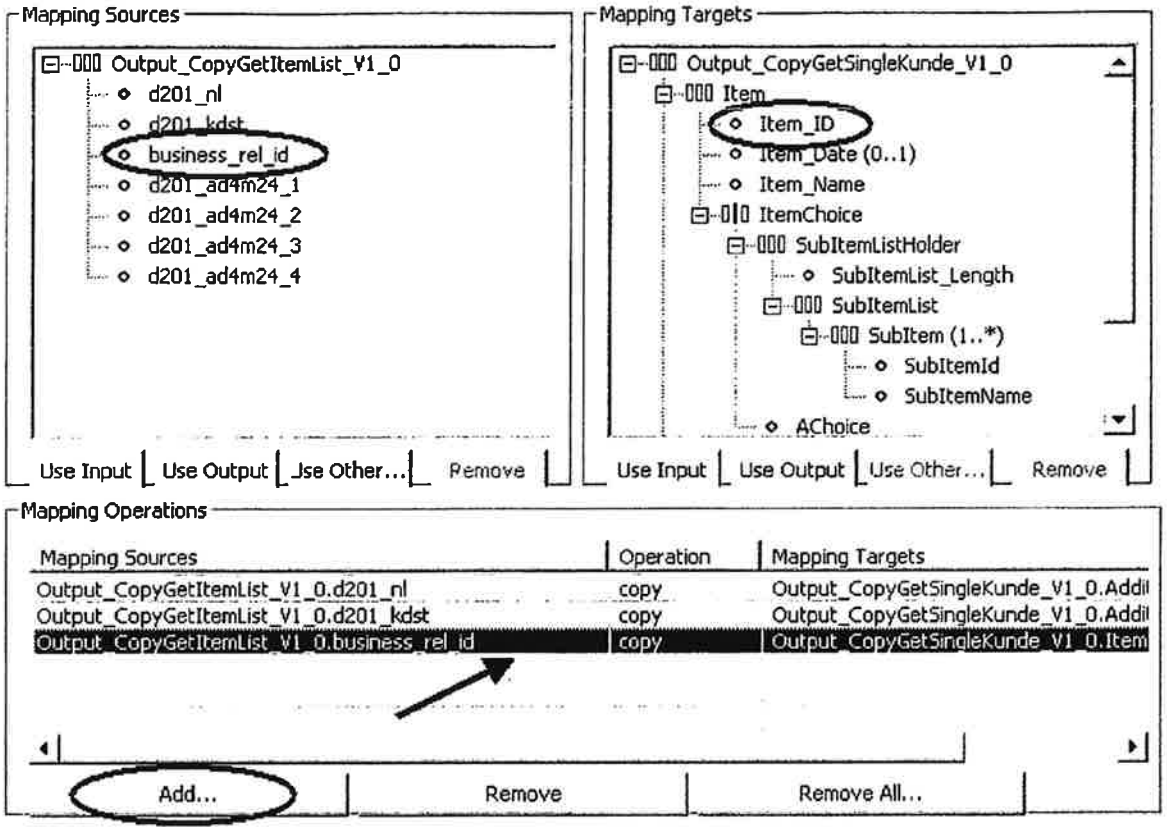

Mapping Sources
Output_CopyGetItemList_V1_0
d201_nl
d201_kdst
business_rel_id
d201_ad4m24_1
d201_ad4m24_2
d201_ad4m24_3
d201_ad4m24_4
Use Input
Use Output
Use Other...
Remove
Mapping Targets
Output_CopyGetSingleKunde_V1_0
Item
Item_ID
Item_Date (0..1)
Item_Name
ItemChoice
SubItemListHolder
SubItemList_Length
SubItemList
SubItem (1..*)
SubItemId
SubItemName
AChoice
Use Input
Use Output
Use Other...
Remove
Mapping Operations
Mapping Sources
Operation
Mapping Targets
Output_CopyGetItemList_V1_0.d201_nl
copy
Output_CopyGetSingleKunde_V1_0.Addi
Output_CopyGetItemList_V1_0.d201_kdst
copy
Output_CopyGetSingleKunde_V1_0.Addi
Output_CopyGetItemList_V1_0.business_rel_id
copy
Output_CopyGetSingleKunde_V1_0.Item
Add...
Remove
Remove All...

Fig. 45

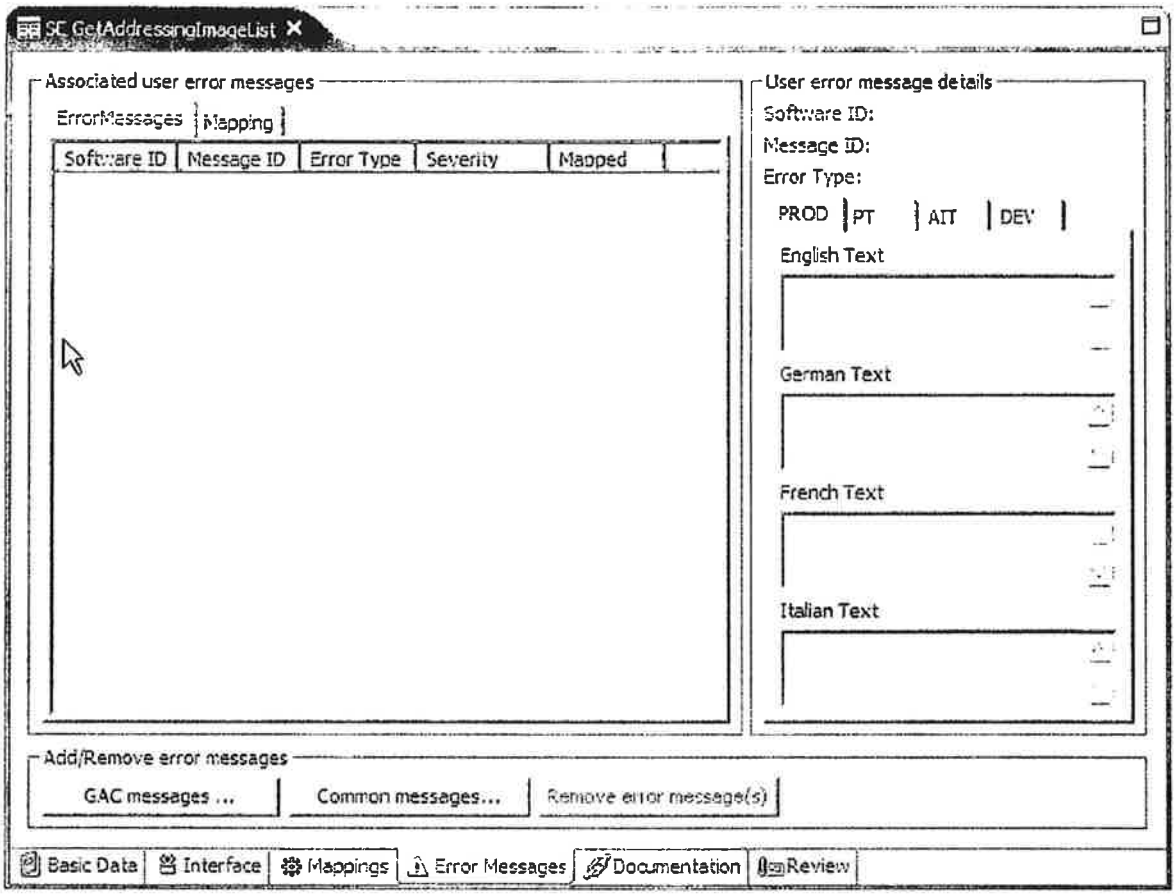

SC GetAddressingImageList
Associated user error messages
ErrorMessages
Mapping
Software ID
Message ID
Error Type
Severity
Mapped
User error message details
Software ID:
Message ID:
Error Type:
PROD
PT
AIT
DEV
English Text
German Text
French Text
Italian Text
Add/Remove error messages
GAC messages ...
Common messages...
Remove error message(s)
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 46

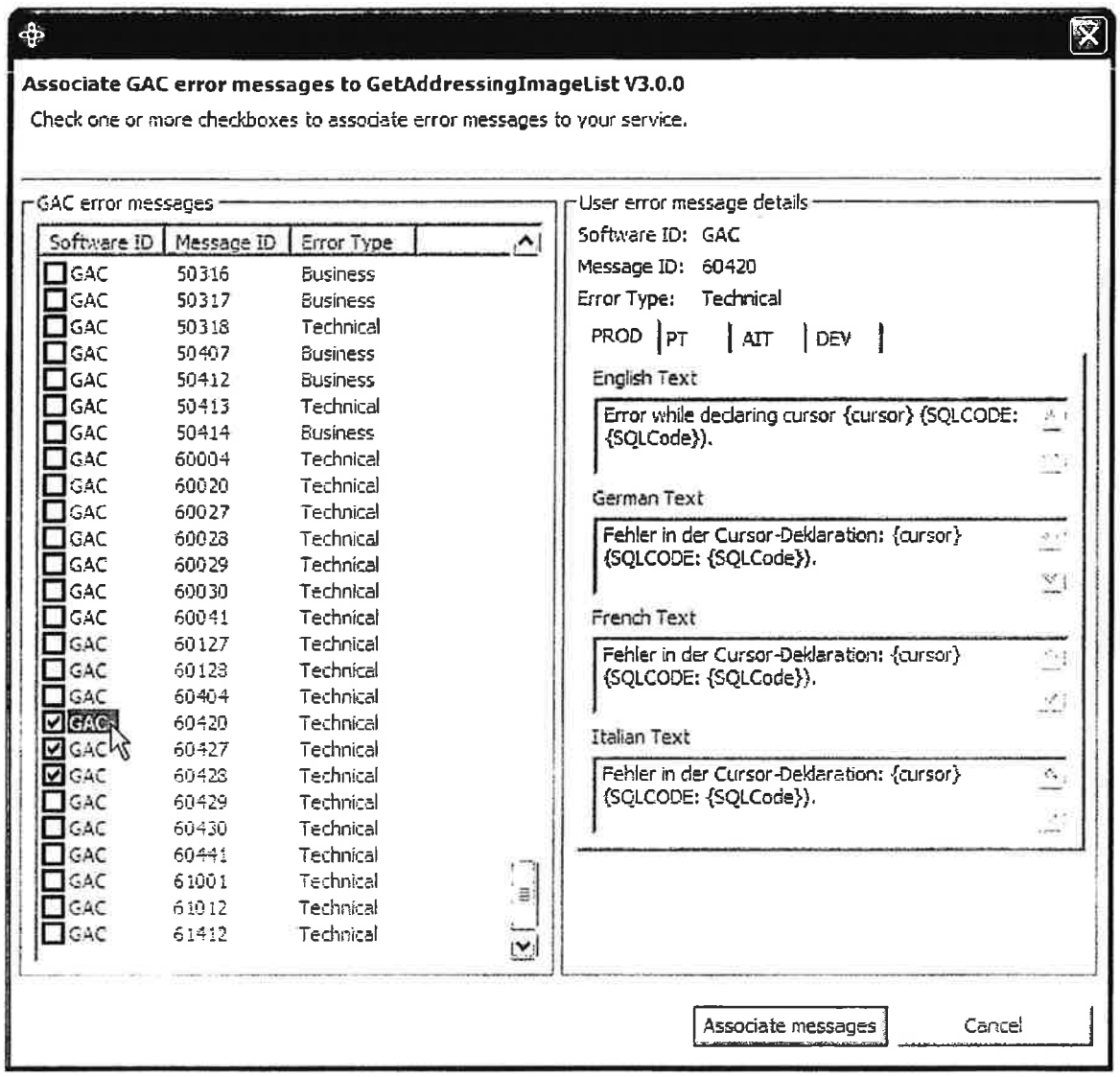

Associate GAC error messages to GetAddressingImageList V3.0.0
Check one or more checkboxes to associate error messages to your service.
GAC error messages
Software ID
Message ID
Error Type
GAC 50316 Business
GAC 50317 Business
GAC 50318 Technical
GAC 50407 Business
GAC 50412 Business
GAC 50413 Technical
GAC 50414 Business
GAC 60004 Technical
GAC 60020 Technical
GAC 60027 Technical
GAC 60028 Technical
GAC 60029 Technical
GAC 60030 Technical
GAC 60041 Technical
GAC 60127 Technical
GAC 60128 Technical
GAC 60404 Technical
GAC 60420 Technical
GAC 60427 Technical
GAC 60428 Technical
GAC 60429 Technical
GAC 60430 Technical
GAC 60441 Technical
GAC 61001 Technical
GAC 61012 Technical
GAC 61412 Technical
User error message details
Software ID: GAC
Message ID: 60420
Error Type: Technical
PROD
PT
AIT
DEV
English Text
Error while declaring cursor {cursor} {SQLCODE: {SQLCode}).
German Text
Fehler in der Cursor-Deklaration: {cursor} {SQLCODE: {SQLCode}).
French Text
Fehler in der Cursor-Deklaration: {cursor} {SQLCODE: {SQLCode}).
Italian Text
Fehler in der Cursor-Deklaration: {cursor} {SQLCODE: {SQLCode}).
Associate messages
Cancel

Fig. 47

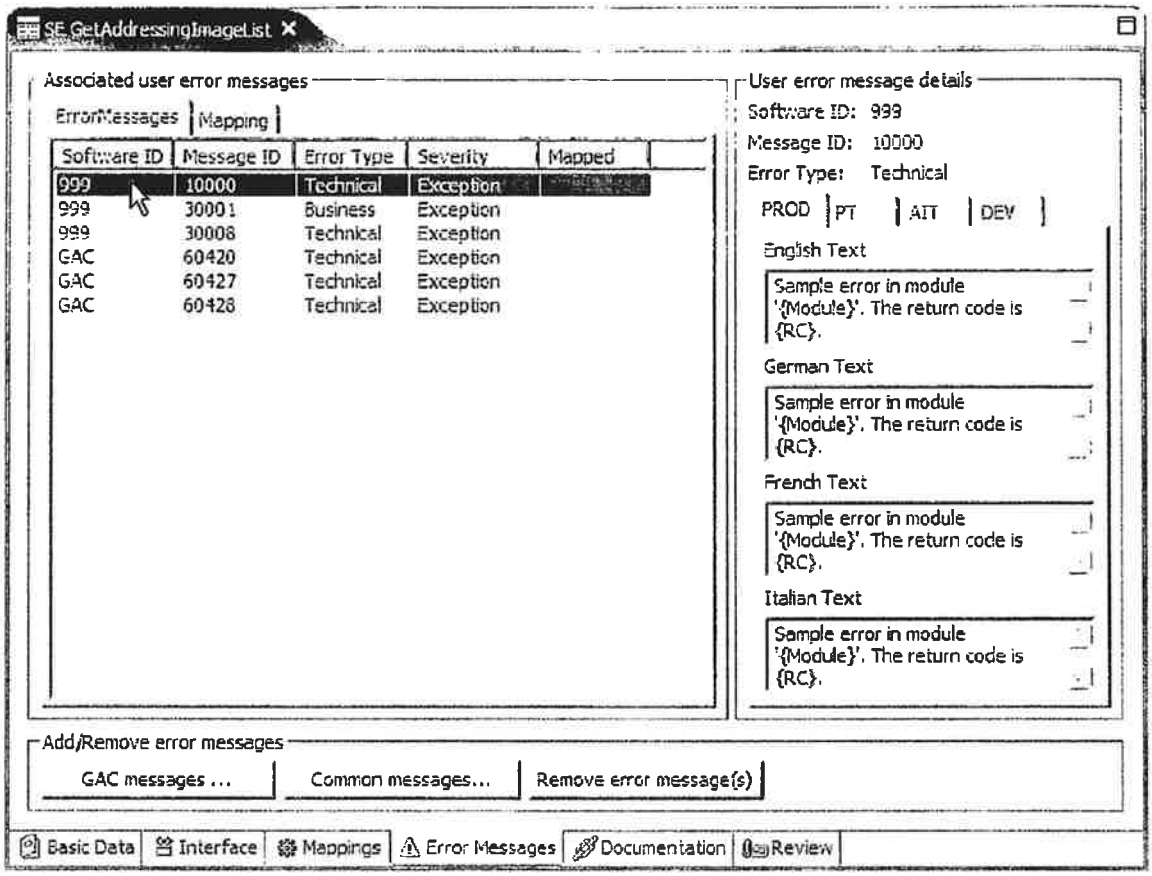

SE_GetAddressingImageList
Associated user error messages
ErrorMessages
Mapping
Software ID
Message ID
Error Type
Severity
Mapped
999 10000 Technical Exception
999 30001 Business Exception
999 30008 Technical Exception
GAC 60420 Technical Exception
GAC 60427 Technical Exception
GAC 60428 Technical Exception
User error message details
Software ID: 999
Message ID: 10000
Error Type: Technical
PROD
PT
AIT
DEV
English Text
Sample error in module '{Module}'. The return code is {RC}.
German Text
Sample error in module '{Module}'. The return code is {RC}.
French Text
Sample error in module '{Module}'. The return code is {RC}.
Italian Text
Sample error in module '{Module}'. The return code is {RC}.
Add/Remove error messages
GAC messages ...
Common messages...
Remove error message(s)
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 48

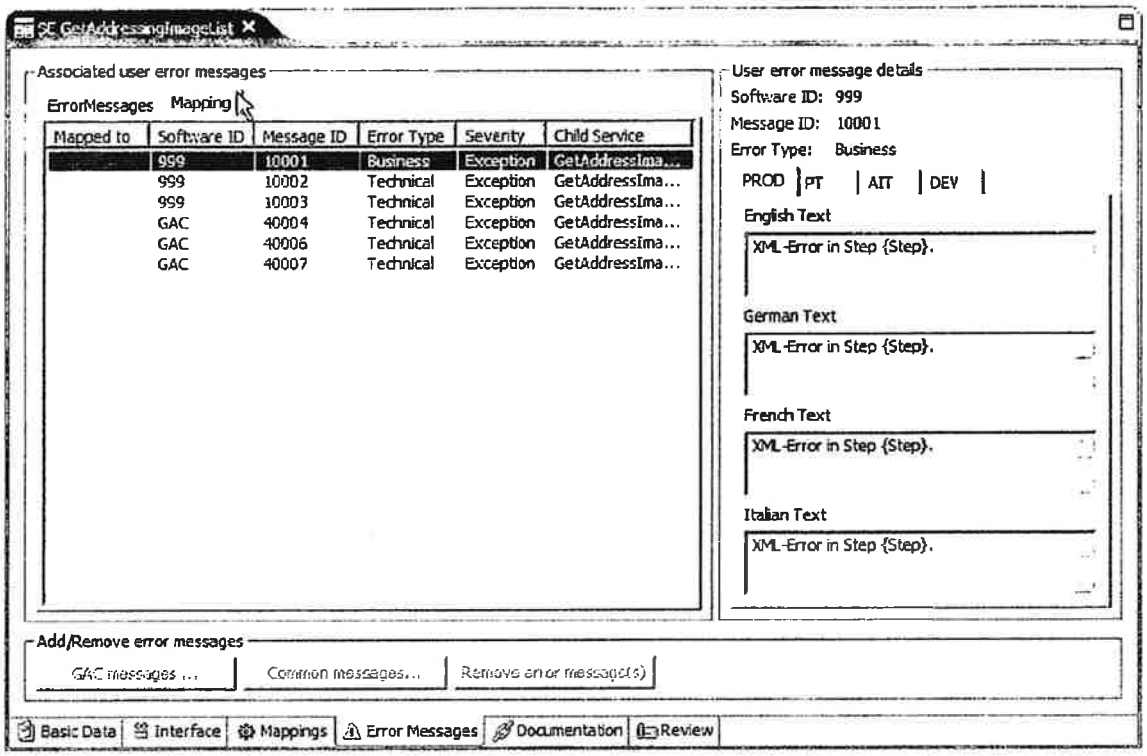

SE GetAddressingImageList
Associated user error messages
ErrorMessages
Mapping
Mapped to
Software ID
Message ID
Error Type
Severity
Child Service
999 10001 Business Exception GetAddressIma...
999 10002 Technical Exception GetAddressIma...
999 10003 Technical Exception GetAddressIma...
GAC 40004 Technical Exception GetAddressIma...
GAC 40006 Technical Exception GetAddressIma...
GAC 40007 Technical Exception GetAddressIma...
User error message details
Software ID: 999
Message ID: 10001
Error Type: Business
PROD
PT
AIT
DEV
English Text
XML-Error in Step {Step}.
German Text
XML-Error in Step {Step}.
French Text
XML-Error in Step {Step}.
Italian Text
XML-Error in Step {Step}.
Add/Remove error messages
GAC messages ...
Common messages...
Remove error message(s)
Basic Data
Interface
Mappings
Error Messages
Documentation
Review

Fig. 49

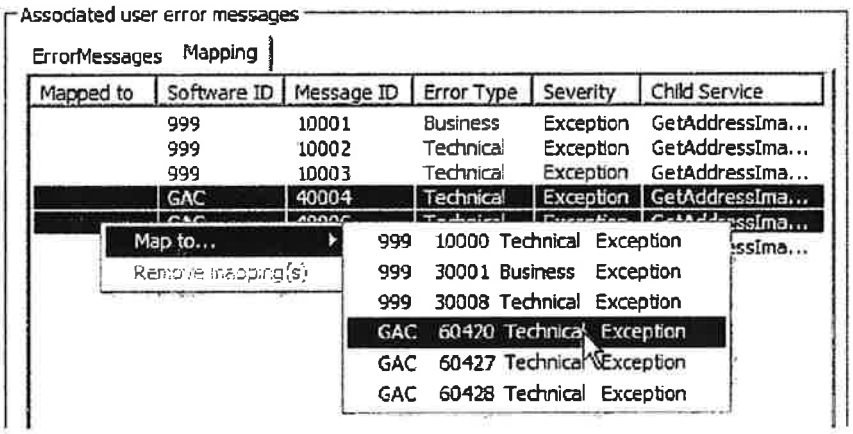

Associated user error messages
ErrorMessages
Mapping
Mapped to
Software ID
Message ID
Error Type
Severity
Child Service
999 10001 Business Exception GetAddressIma...
999 10002 Technical Exception GetAddressIma...
999 10003 Technical Exception GetAddressIma...
GAC 40004 Technical Exception GetAddressIma...
Map to...
Remove mapping(s)
999 10000 Technical Exception
999 30001 Business Exception
999 30008 Technical Exception
GAC 60420 Technical Exception
GAC 60427 Technical Exception
GAC 60428 Technical Exception

Fig. 50

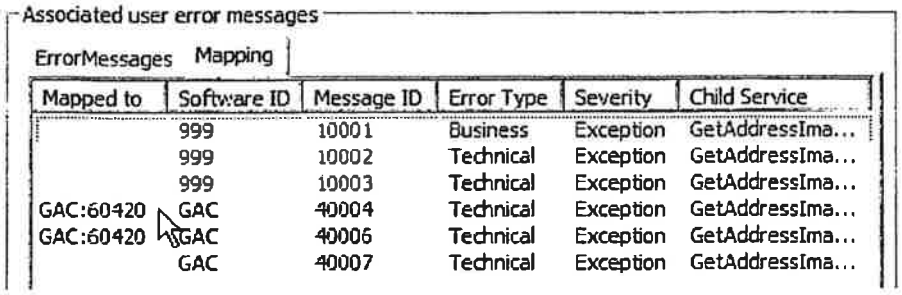

Associated user error messages
ErrorMessages
Mapping
Mapped to
Software ID
Message ID
Error Type
Severity
Child Service
999 10001 Business Exception GetAddressIma...
999 10002 Technical Exception GetAddressIma...
999 10003 Technical Exception GetAddressIma...
GAC:60420 GAC 40004 Technical Exception GetAddressIma...
GAC:60420 GAC 40006 Technical Exception GetAddressIma...
GAC 40007 Technical Exception GetAddressIma...

Fig. 51

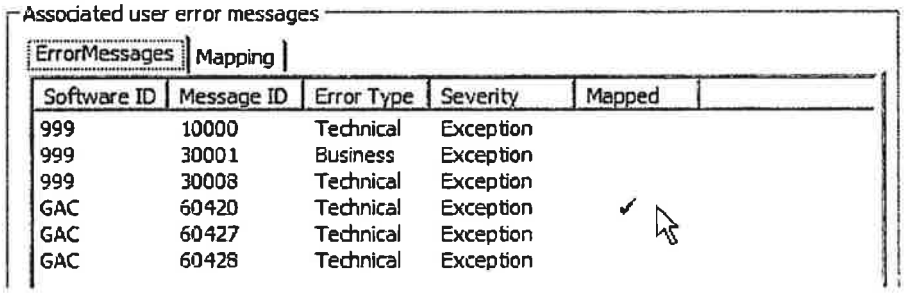

Associated user error messages
ErrorMessages
Mapping
Software ID
Message ID
Error Type
Severity
Mapped
999 10000 Technical Exception
999 30001 Business Exception
999 30008 Technical Exception
GAC 60420 Technical Exception ✓
GAC 60427 Technical Exception
GAC 60428 Technical Exception

Fig. 52

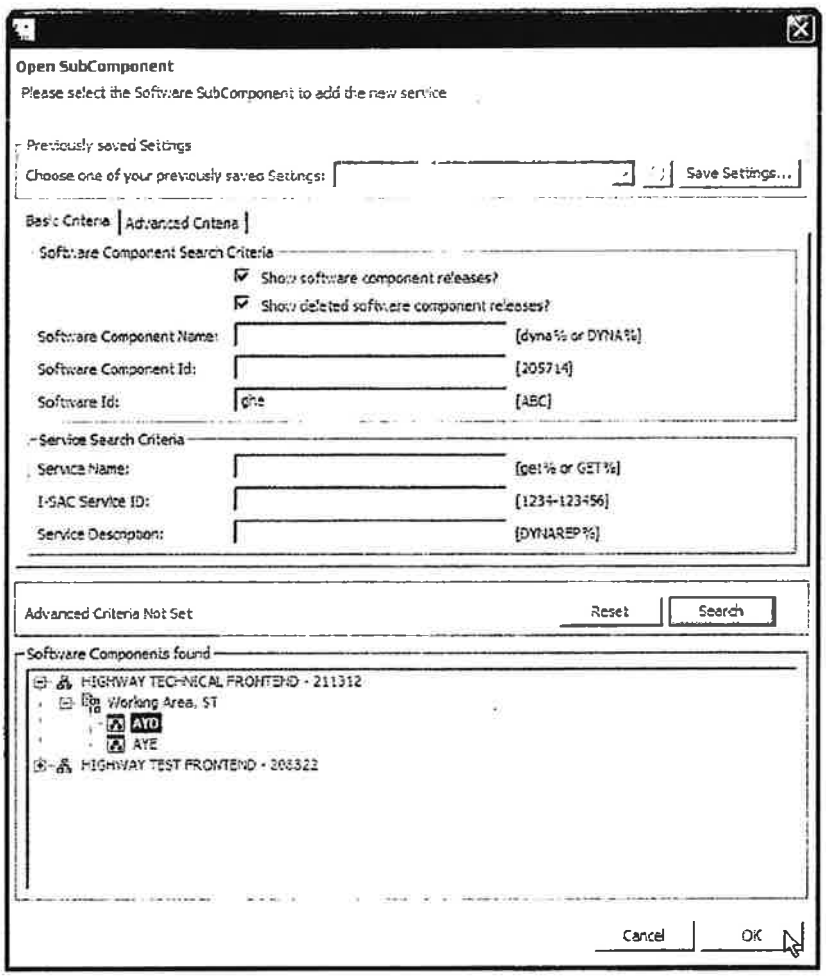

Open SubComponent
Please select the Software SubComponent to add the new service
Previously saved Settings
Choose one of your previously saved Settings:
Save Settings...
Basic Criteria
Advanced Criteria
Software Component Search Criteria
Show software component releases?
Show deleted software component releases?
Software Component Name:
[dyna% or DYNA%]
Software Component Id:
[205714]
Software Id:
ghe
[ABC]
Service Search Criteria
Service Name:
[get% or GET%]
I-SAC Service ID:
[1234-123456]
Service Description:
[DYNAREP%]
Advanced Criteria Not Set
Reset
Search
Software Components found
HIGHWAY TECHNICAL FRONTEND - 211312
Working Area, ST
AYD
AYE
HIGHWAY TEST FRONTEND - 208322
Cancel
OK

Fig. 53

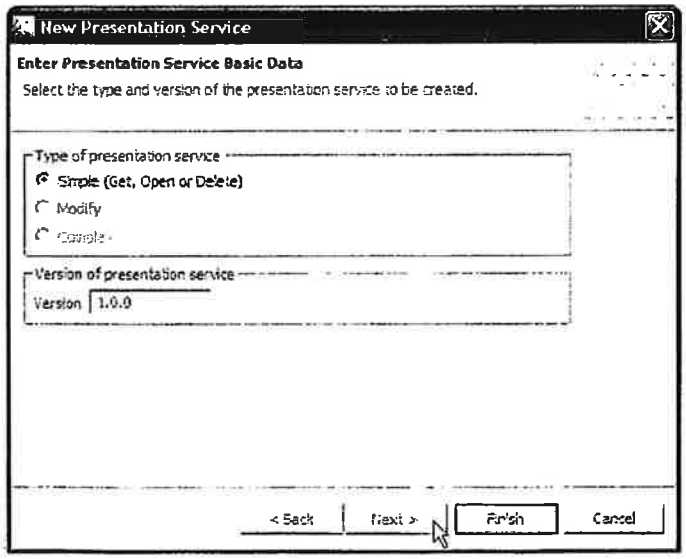

New Presentation Service
Enter Presentation Service Basic Data
Select the type and version of the presentation service to be created.
Type of presentation service
Simple (Get, Open or Delete)
Modify
Version of presentation service
Version
1.0.0
< Back
Next >
Finish
Cancel

Fig. 54

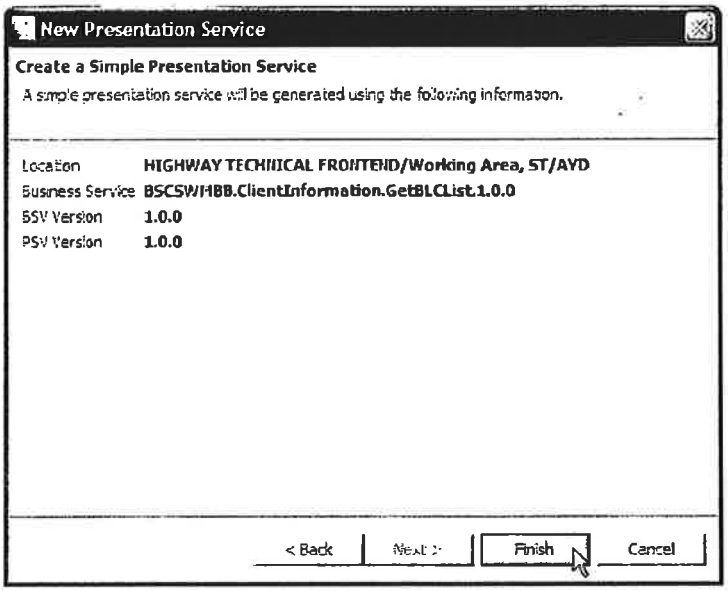

New Presentation Service
Create a Simple Presentation Service
A simple presentation service will be generated using the following information.
Location HIGHWAY TECHNICAL FRONTEND/Working Area, ST/AYD
Business Service BSCSWHBB.ClientInformation.GetBLCList.1.0.0
BSV Version 1.0.0
PSV Version 1.0.0
< Back
Next >
Finish
Cancel

Fig. 55

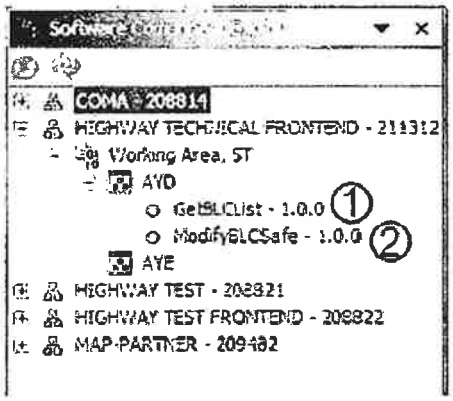

COMA - 208814
HIGHWAY TECHNICAL FRONTEND - 211312
Working Area, ST
AYD
GetBLCList - 1.0.0
ModifyBLCSafe - 1.0.0
AYE
HIGHWAY TEST - 208821
HIGHWAY TEST FRONTEND - 208822
MAP-PARTNER - 209482
1
2

Fig. 56

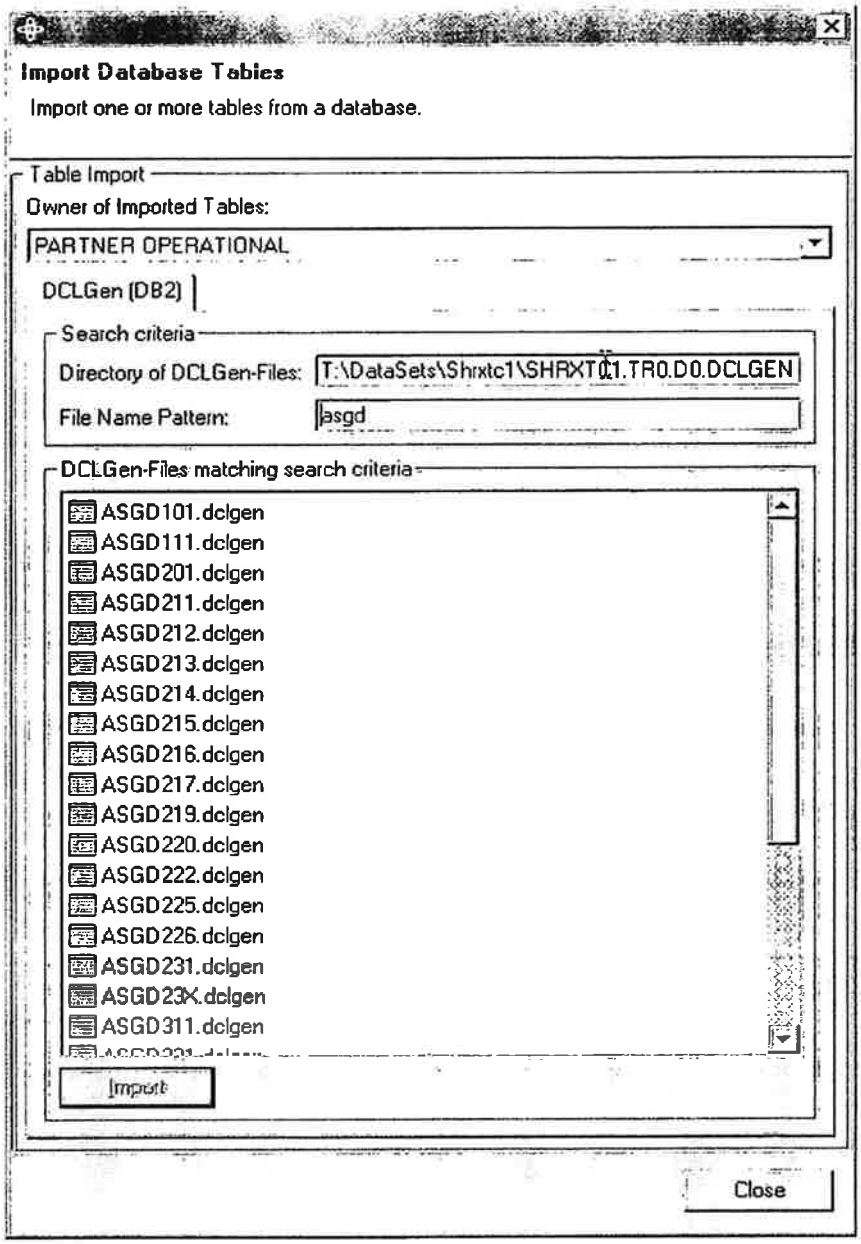

Import Database Tables
Import one or more tables from a database.
Table Import
Owner of Imported Tables:
PARTNER OPERATIONAL
DCLGen (DB2)
Search criteria
Directory of DCLGen-Files:
T:\DataSets\Shrxtc1\SHRXT01.TR0.D0.DCLGEN
File Name Pattern:
asgd
DCLGen-Files matching search criteria
ASGD101.dclgen
ASGD111.dclgen
ASGD201.dclgen
ASGD211.dclgen
ASGD212.dclgen
ASGD213.dclgen
ASGD214.dclgen
ASGD215.dclgen
ASGD216.dclgen
ASGD217.dclgen
ASGD219.dclgen
ASGD220.dclgen
ASGD222.dclgen
ASGD225.dclgen
ASGD226.dclgen
ASGD231.dclgen
ASGD23X.dclgen
ASGD311.dclgen
Import
Close

Fig. 57

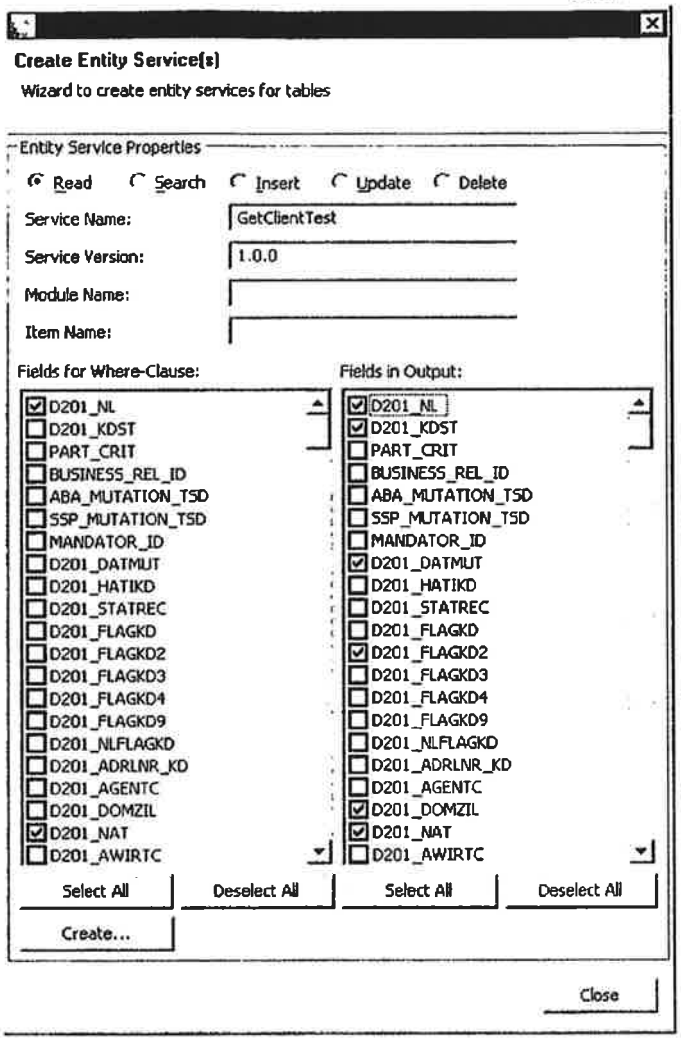

Create Entity Service(s)
Wizard to create entity services for tables
Entity Service Properties
Read
Search
Insert
Update
Delete
Service Name:
GetClientTest
Service Version:
1.0.0
Module Name:
Item Name:
Fields for Where-Clause:
Fields in Output:
D201_NL
D201_KDST
PART_CRIT
BUSINESS_REL_ID
ABA_MUTATION_TSD
SSP_MUTATION_TSD
MANDATOR_ID
D201_DATMUT
D201_HATIKD
D201_STATREC
D201_FLAGKD
D201_FLAGKD2
D201_FLAGKD3
D201_FLAGKD4
D201_FLAGKD9
D201_NLFLAGKD
D201_ADRLNR_KD
D201_AGENTC
D201_DOMZIL
D201_NAT
D201_AWIRTC
Select All
Deselect All
Select All
Deselect All
Create...
Close

Fig. 58

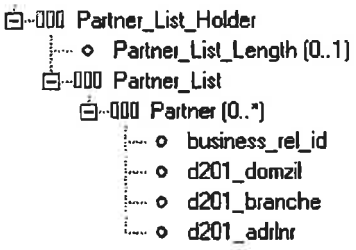

Partner_List_Holder
Partner_List_Length (0..1)
Partner_List
Partner (0..*)
business_rel_id
d201_domzil
d201_branche
d201_adrlnr

Fig. 59

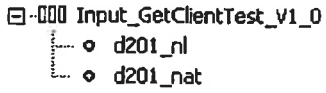

Input_GetClientTest_V1_0
d201_nl
d201_nat

Fig. 60

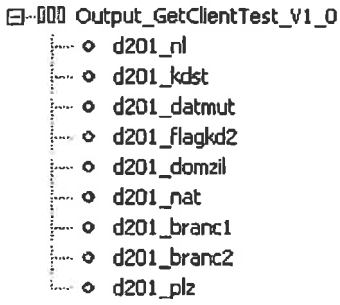

Output_GetClientTest_V1_0
d201_nl
d201_kdst
d201_datmut
d201_flagkd2
d201_domzil
d201_nat
d201_branc1
d201_branc2
d201_plz

Fig. 61

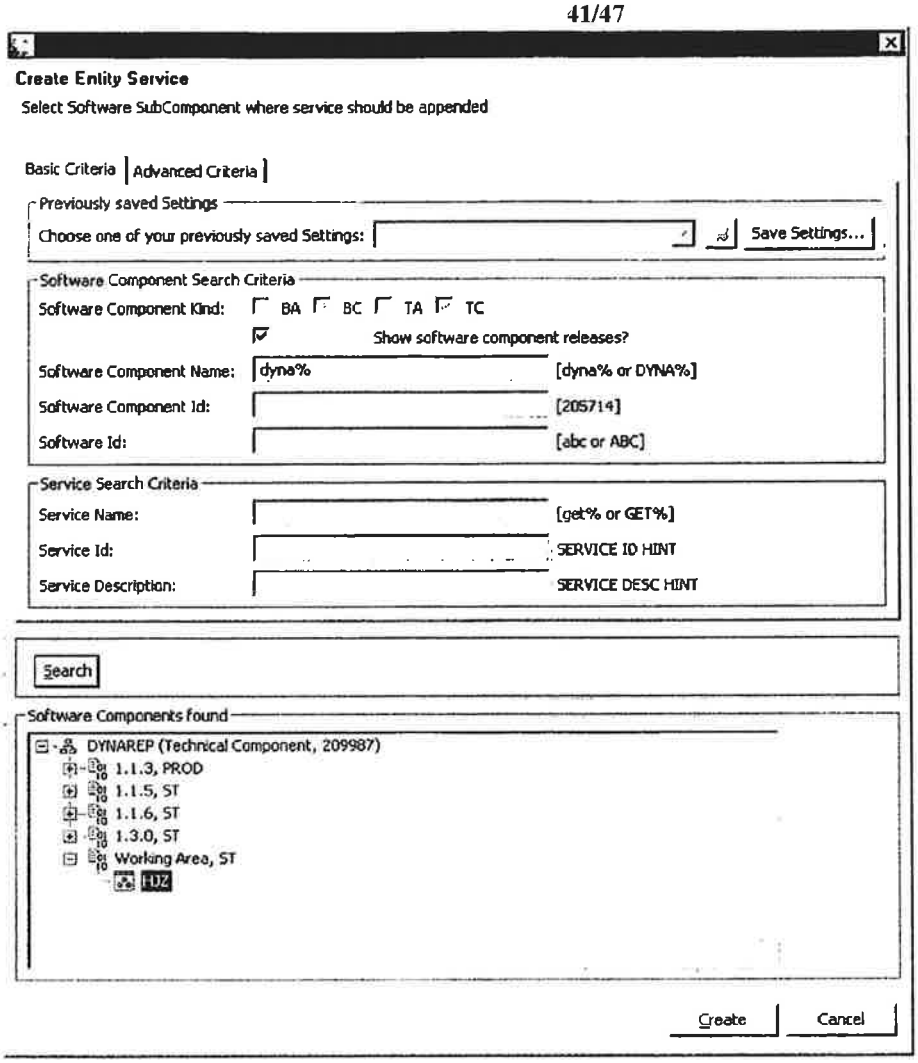

Create Entity Service
Select Software SubComponent where service should be appended
Basic Criteria
Advanced Criteria
Previously saved Settings
Choose one of your previously saved Settings:
Save Settings...
Software Component Search Criteria
Software Component Kind:
BA
BC
TA
TC
Show software component releases?
Software Component Name:
dyna%
[dyna% or DYNA%]
Software Component Id:
[205714]
Software Id:
[abc or ABC]
Service Search Criteria
Service Name:
[get% or GET%]
Service Id:
SERVICE ID HINT
Service Description:
SERVICE DESC HINT
Search
Software Components found
DYNAREP (Technical Component, 209987)
1.1.3, PROD
1.1.5, ST
1.1.6, ST
1.3.0, ST
Working Area, ST
HJZ
Create
Cancel

Fig. 62

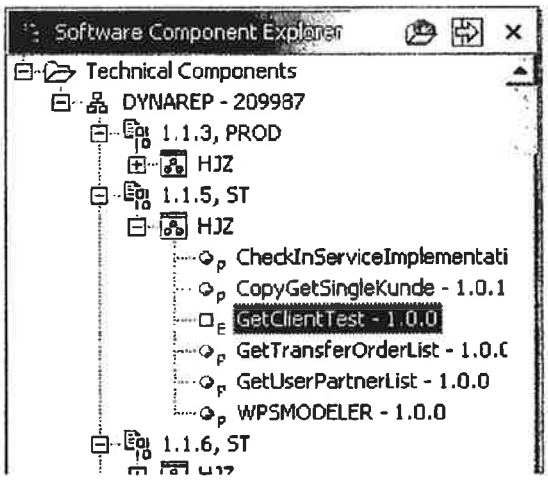

Software Component Explorer
Technical Components
DYNAREP - 209987
1.1.3, PROD
HJZ
1.1.5, ST
HJZ
CheckInServiceImplementati
CopyGetSingleKunde - 1.0.1
GetClientTest - 1.0.0
GetTransferOrderList - 1.0.0
GetUserPartnerList - 1.0.0
WPSMODELER - 1.0.0
1.1.6, ST

Fig. 63

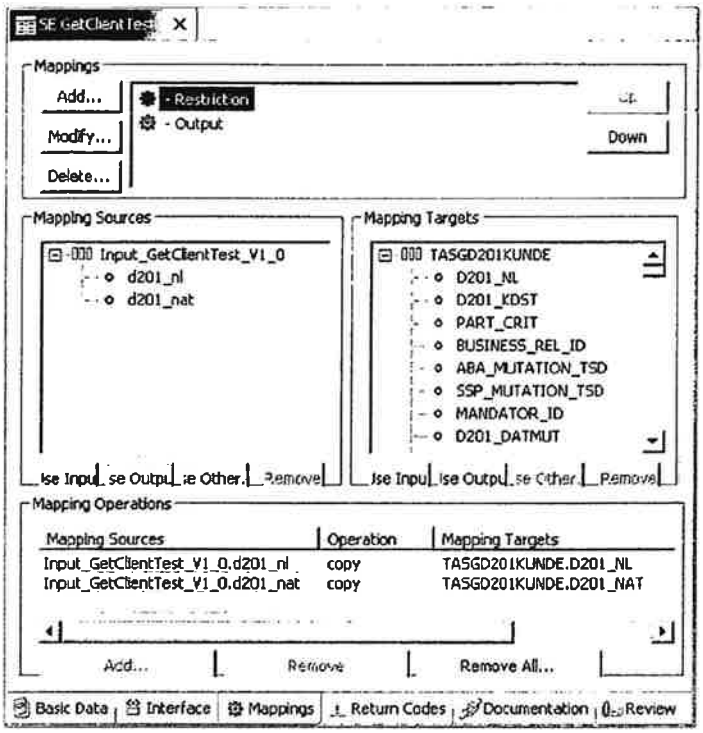

SE GetClientTest
Mappings
Add...
Modify...
Delete...
- Restriction
- Output
Up
Down
Mapping Sources
Input_GetClientTest_V1_0
d201_nl
d201_nat
Mapping Targets
TASGD201KUNDE
D201_NL
D201_KDST
PART_CRIT
BUSINESS_REL_ID
ABA_MUTATION_TSD
SSP_MUTATION_TSD
MANDATOR_ID
D201_DATMUT
Remove
Mapping Operations
Mapping Sources
Operation
Mapping Targets
Input_GetClientTest_V1_0.d201_nl copy TASGD201KUNDE.D201_NL
Input_GetClientTest_V1_0.d201_nat copy TASGD201KUNDE.D201_NAT
Add...
Remove
Remove All...
Basic Data
Interface
Mappings
Return Codes
Documentation
Review

Fig. 64

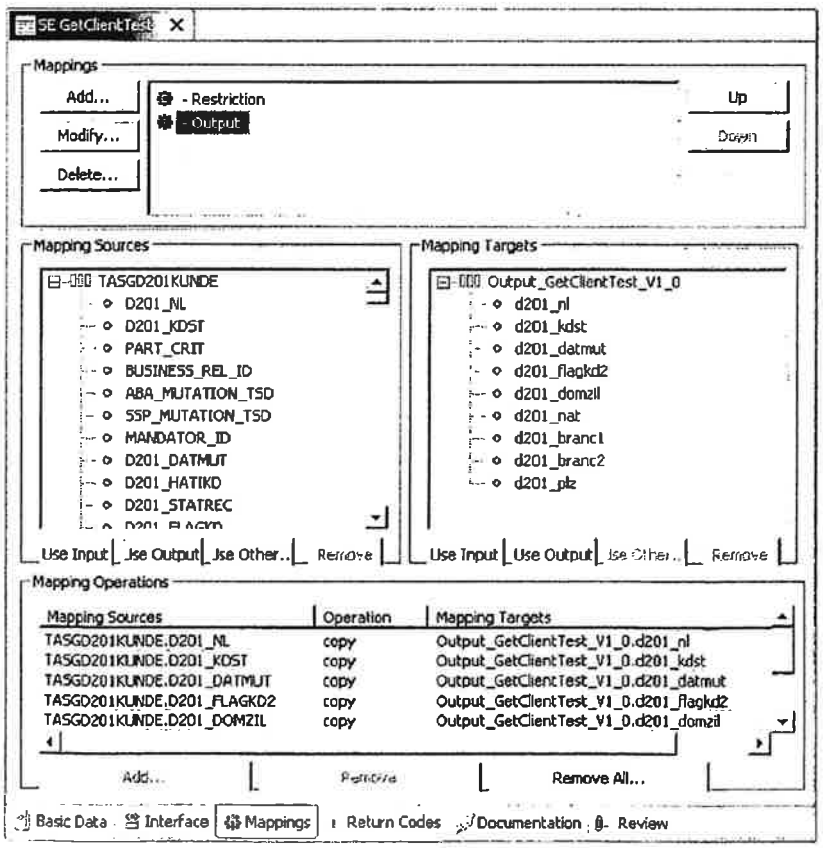

SE GetClientTest
Mappings
Add...
Modify...
Delete...
- Restriction
- Output
Up
Down
Mapping Sources
TASGD201KUNDE
D201_NL
D201_KDST
PART_CRIT
BUSINESS_REL_ID
ABA_MUTATION_TSD
SSP_MUTATION_TSD
MANDATOR_ID
D201_DATMUT
D201_HATIKD
D201_STATREC
Mapping Targets
Output_GetClientTest_V1_0
d201_nl
d201_kdst
d201_datmut
d201_flagkd2
d201_domzil
d201_nat
d201_branc1
d201_branc2
d201_plz
Use Input
Use Output
Remove
Mapping Operations
Mapping Sources
Operation
Mapping Targets
TASGD201KUNDE.D201_NL copy Output_GetClientTest_V1_0.d201_nl
TASGD201KUNDE.D201_KDST copy Output_GetClientTest_V1_0.d201_kdst
TASGD201KUNDE.D201_DATMUT copy Output_GetClientTest_V1_0.d201_datmut
TASGD201KUNDE.D201_FLAGKD2 copy Output_GetClientTest_V1_0.d201_flagkd2
TASGD201KUNDE.D201_DOMZIL copy Output_GetClientTest_V1_0.d201_domzil
Add...
Remove All...
Basic Data
Interface
Mappings
Return Codes
Documentation
Review

Fig. 65

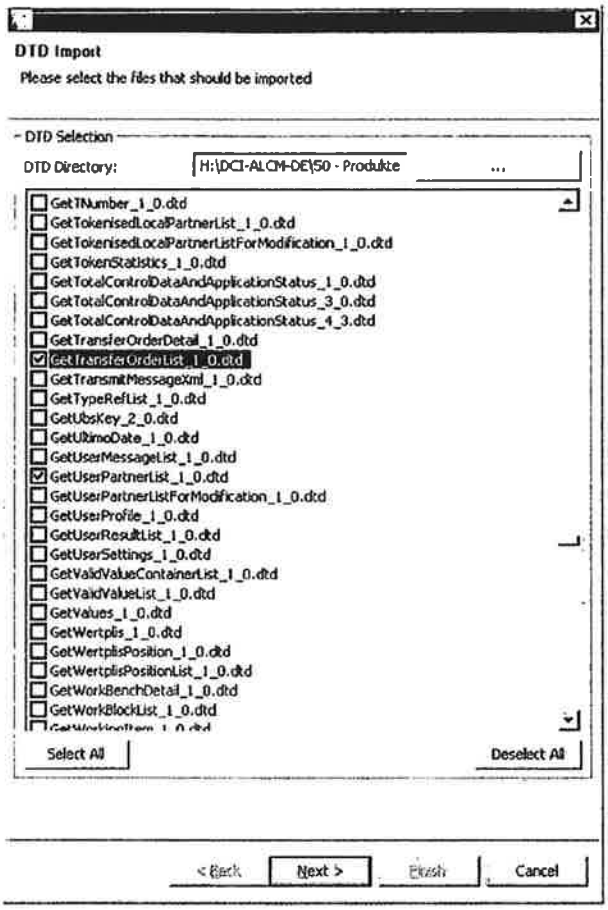

DTD Import
Please select the files that should be imported
DTD Selection
DTD Directory:
H:\DCI-ALCM-DE\50 - Produkte
...
GetTNumber_1_0.dtd
GetTokenisedLocalPartnerList_1_0.dtd
GetTokenisedLocalPartnerListForModification_1_0.dtd
GetTokenStatistics_1_0.dtd
GetTotalControlDataAndApplicationStatus_1_0.dtd
GetTotalControlDataAndApplicationStatus_3_0.dtd
GetTotalControlDataAndApplicationStatus_4_3.dtd
GetTransferOrderDetail_1_0.dtd
GetTransferOrderList_1_0.dtd
GetTransmitMessageXml_1_0.dtd
GetTypeRefList_1_0.dtd
GetUbsKey_2_0.dtd
GetUltimoDate_1_0.dtd
GetUserMessageList_1_0.dtd
GetUserPartnerList_1_0.dtd
GetUserPartnerListForModification_1_0.dtd
GetUserProfile_1_0.dtd
GetUserResultList_1_0.dtd
GetUserSettings_1_0.dtd
GetValidValueContainerList_1_0.dtd
GetValidValueList_1_0.dtd
GetValues_1_0.dtd
GetWertpls_1_0.dtd
GetWertplsPosition_1_0.dtd
GetWertplsPositionList_1_0.dtd
GetWorkBenchDetail_1_0.dtd
GetWorkBlockList_1_0.dtd
Select All
Deselect All
< Back
Next >
Finish
Cancel

Fig. 66

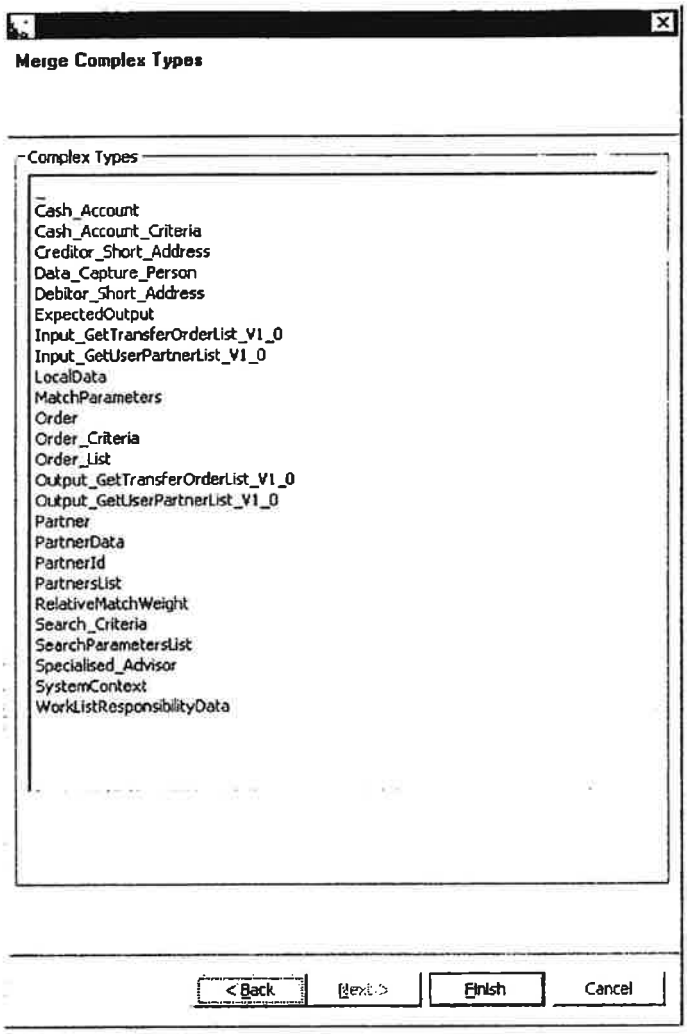

Merge Complex Types
Complex Types
Cash_Account
Cash_Account_Criteria
Creditor_Short_Address
Data_Capture_Person
Debitor_Short_Address
ExpectedOutput
Input_GetTransferOrderList_V1_0
Input_GetUserPartnerList_V1_0
LocalData
MatchParameters
Order
Order_Criteria
Order_List
Output_GetTransferOrderList_V1_0
Output_GetUserPartnerList_V1_0
Partner
PartnerData
PartnerId
PartnersList
RelativeMatchWeight
Search_Criteria
SearchParametersList
Specialised_Advisor
SystemContext
WorkListResponsibilityData
< Back
Next >
Finish
Cancel

Fig. 67

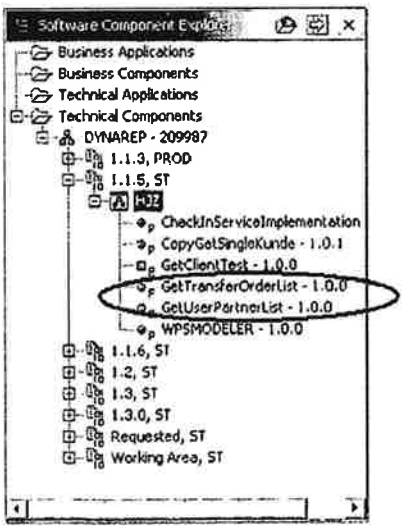

Software Component Explorer
Business Applications
Business Components
Technical Applications
Technical Components
DYNAREP - 209987
1.1.3, PROD
1.1.5, ST
H2
CheckInServiceImplementation
CopyGetSingleKunde - 1.0.1
GetClientTest - 1.0.0
GetTransferOrderList - 1.0.0
GetUserPartnerList - 1.0.0
WPSMODELER - 1.0.0
1.1.6, ST
1.2, ST
1.3, ST
1.3.0, ST
Requested, ST
Working Area, ST

Fig. 68

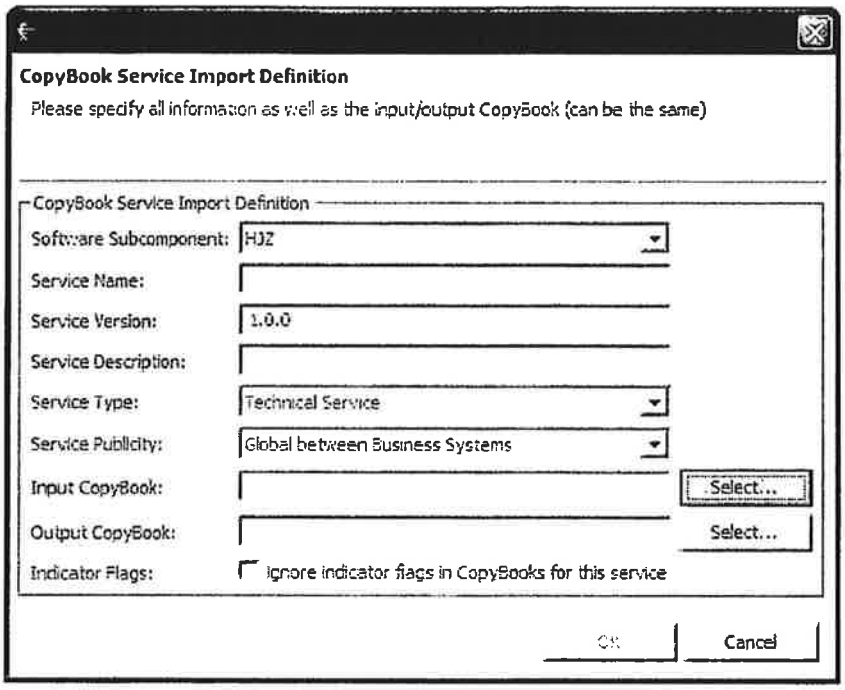

CopyBook Service Import Definition
Please specify all information as well as the input/output CopyBook (can be the same)
CopyBook Service Import Definition
Software Subcomponent:
HJZ
Service Name:
Service Version:
1.0.0
Service Description:
Service Type:
Technical Service
Service Publicity:
Global between Business Systems
Input CopyBook:
Select...
Output CopyBook:
Select...
Indicator Flags:
Ignore indicator flags in CopyBooks for this service
OK
Cancel

Fig. 69

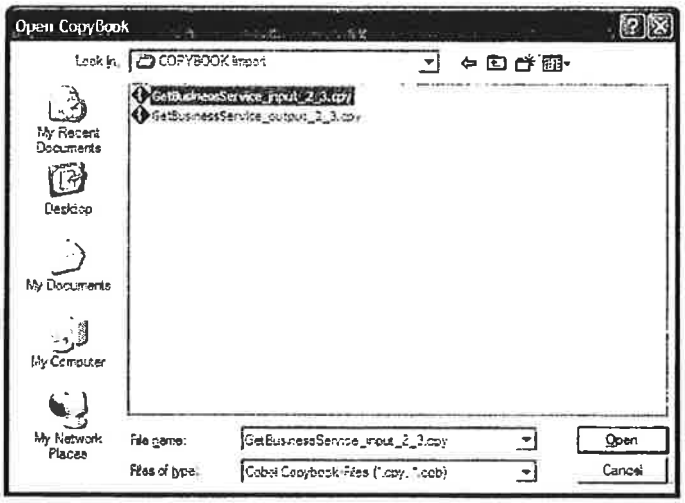

Open CopyBook
Look in:
COPYBOOK Import
GetBusinessService_input_2_3.cpy
GetBusinessService_output_2_3.cpy
My Recent Documents
Desktop
My Documents
My Computer
My Network Places
File name:
GetBusinessService_input_2_3.cpy
Files of type:
Cobol Copybook Files (*.cpy, *.cob)
Open
Cancel

Fig. 70

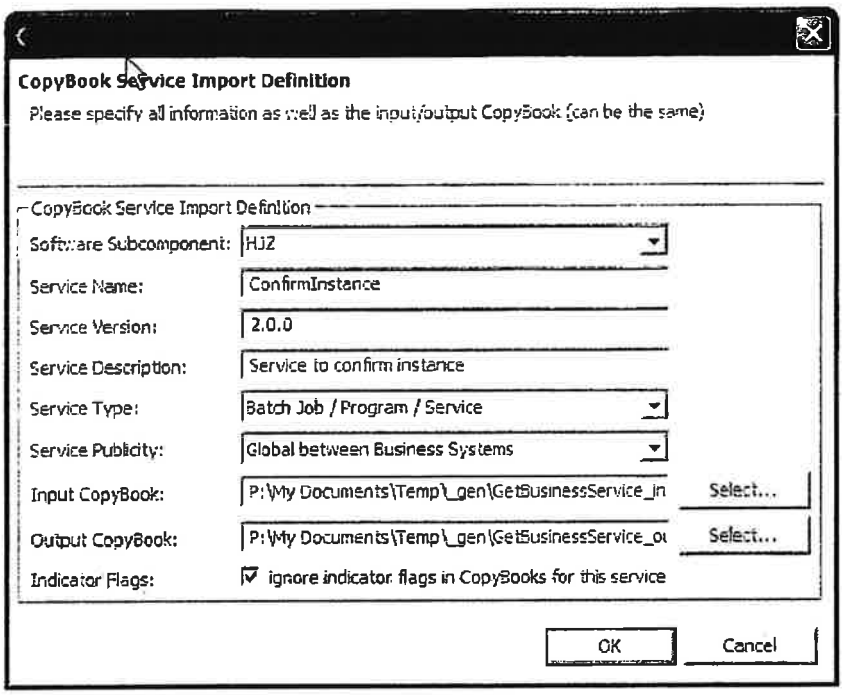

CopyBook Service Import Definition
Please specify all information as well as the input/output CopyBook (can be the same)
CopyBook Service Import Definition
Software Subcomponent:
HJZ
Service Name:
ConfirmInstance
Service Version:
2.0.0
Service Description:
Service to confirm instance
Service Type:
Batch Job / Program / Service
Service Publicity:
Global between Business Systems
Input CopyBook:
P:\My Documents\Temp_gen\GetBusinessService_in
Select...
Output CopyBook:
P:\My Documents\Temp_gen\GetBusinessService_ou
Select...
Indicator Flags:
ignore indicator flags in CopyBooks for this service
OK
Cancel

Fig. 71

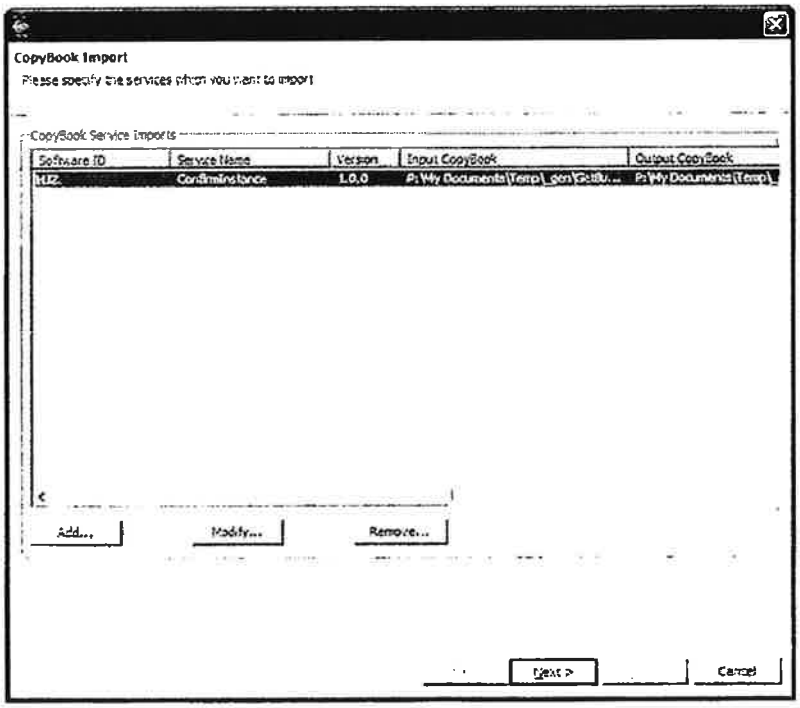

CopyBook Import
Please specify the services which you want to import
CopyBook Service Imports
Software ID
Service Name
Version
Input CopyBook
Output CopyBook
HJZ
ConfirmInstance
1.0.0
Add...
Modify...
Remove...
Next >
Cancel

Fig. 72

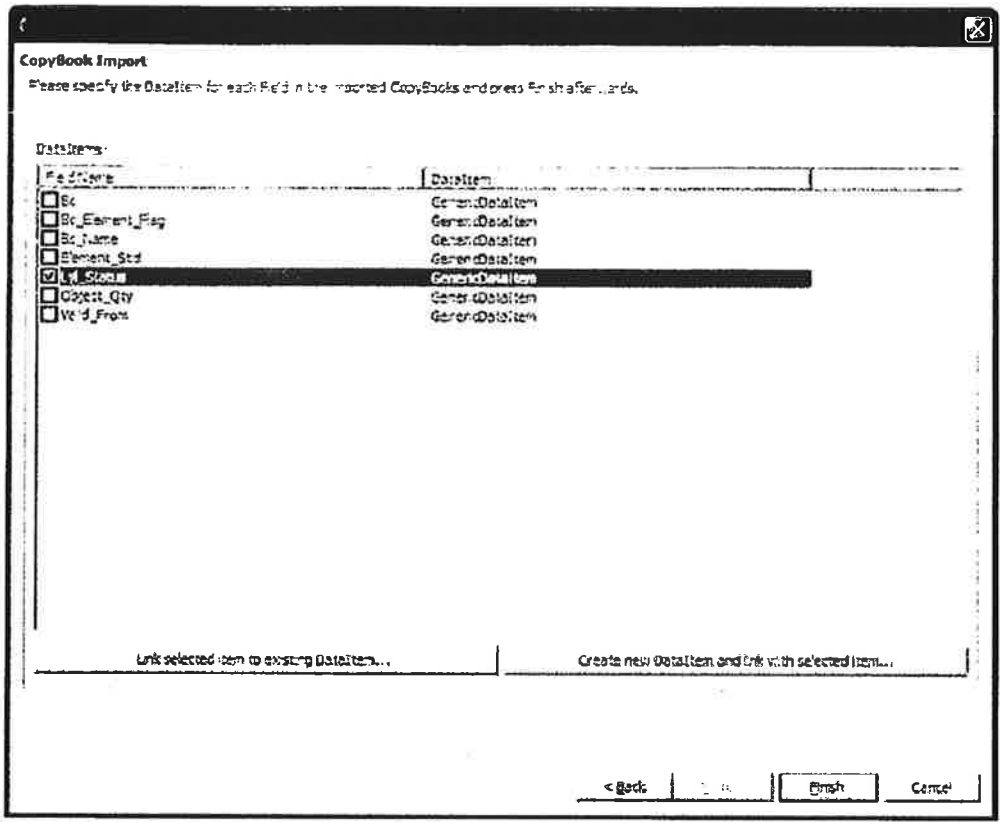

CopyBook Import
Finish
Cancel

Fig. 73

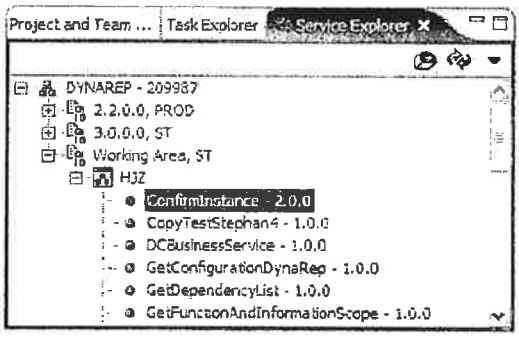

Project and Team ...
Task Explorer
Service Explorer
DYNAREP - 209987
2.2.0.0, PROD
3.0.0.0, ST
Working Area, ST
HJZ
ConfirmInstance - 2.0.0
CopyTestStephan4 - 1.0.0
DCBusinessService - 1.0.0
GetConfigurationDynaRep - 1.0.0
GetDependencyList - 1.0.0
GetFunctionAndInformationScope - 1.0.0

Fig. 74