SOFORTE
SOLUTIONS FOR TEAMS

TAURUS

Integrating Tools in RDz
Serena ChangeMan Integration

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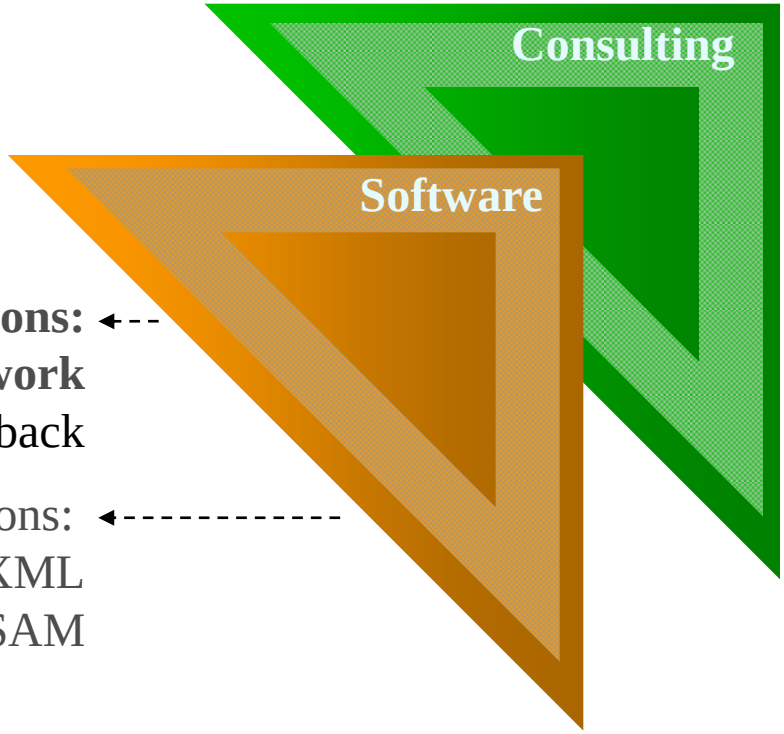
SoforTe – Solutions for Teams

Your specialist

for

Enterprise Development Processes



RDz / Eclipse Extensions:
-TAURUS Framework
- Extended Error Feedback

REXX Extensions:
-ERXXML
-ERXVSAM

Eclipse / RDz / RTC

Methods & Tools

Project Management

Asset Analysis

Software-Configuration Management

Migrations

Premier Business Partner

SoforTe – Solutions for Teams

- **Focus**
  - SoforTe is specialized in optimizing mainframe based application development processes and team collaboration
  - RDz, RTC EE, RAA, ….
  - SCLM, Endevor, ChangeMan, …
- **Clients**
  - Mainframe customers across all industries
- **Technology**
  - TAURUS

SoforTe – Experience in RDz Implementation

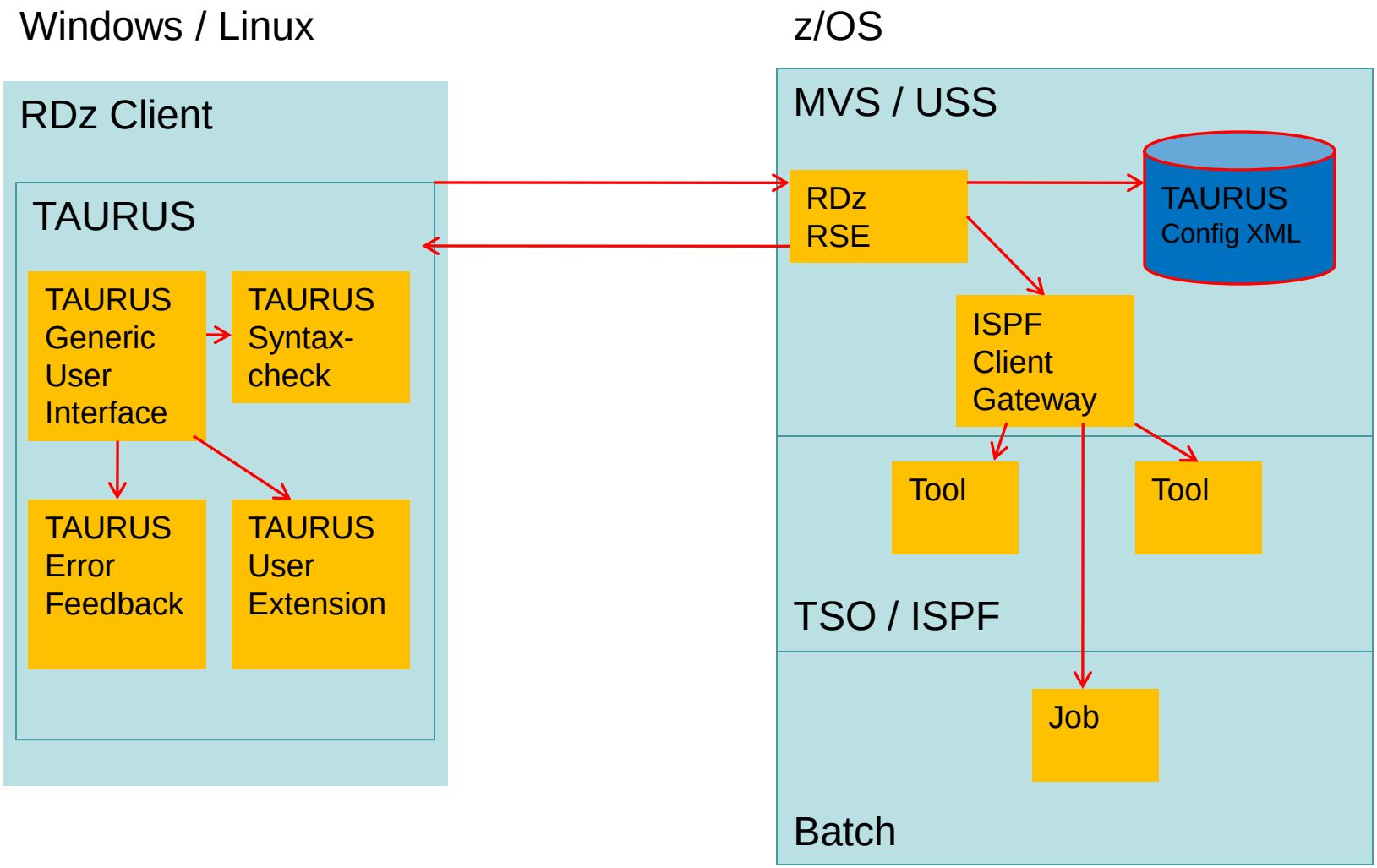
- **Lessons learned**
  - Integrating existing development processes in RDz is time consuming and requires special skills
  - Risk – Implementation is not done to the full extend and developers reject RDz
  - Current “out of the box” solutions are not sufficient for 80% of European RDz implementations

- **Consequence**
  - RDz Implementations need to be simplified and easily customizable for the customers existing development process
  - => development of TAURUS Integration toolkit

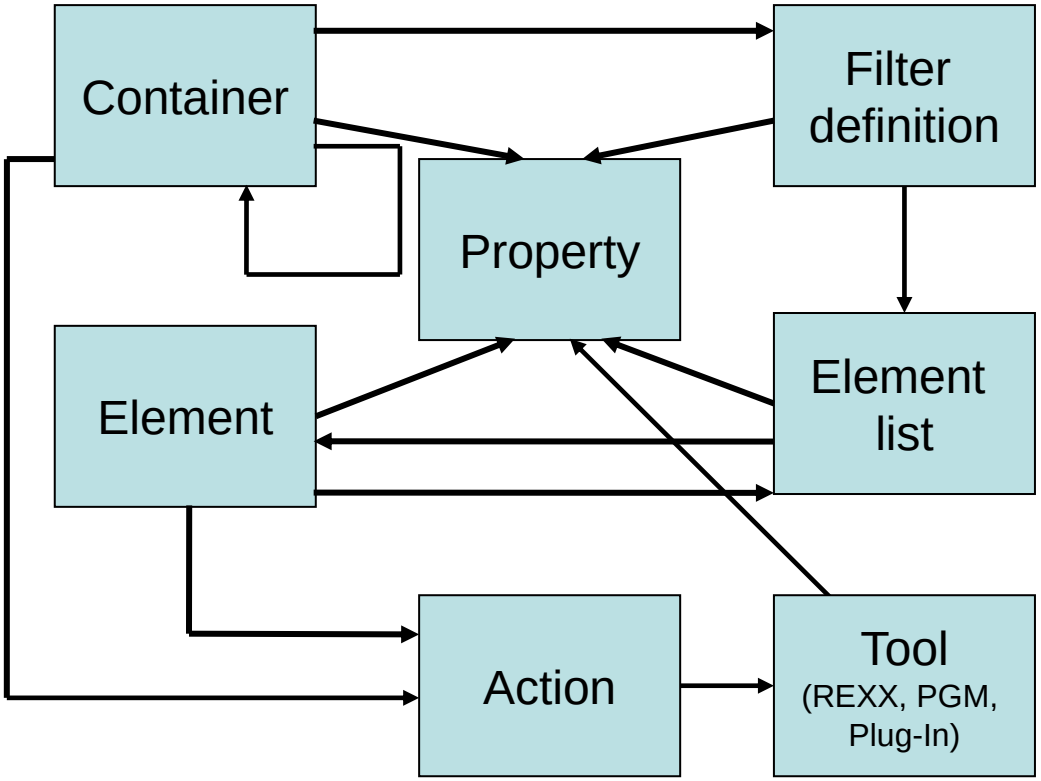
SoforTe – TAURUS – key objectives

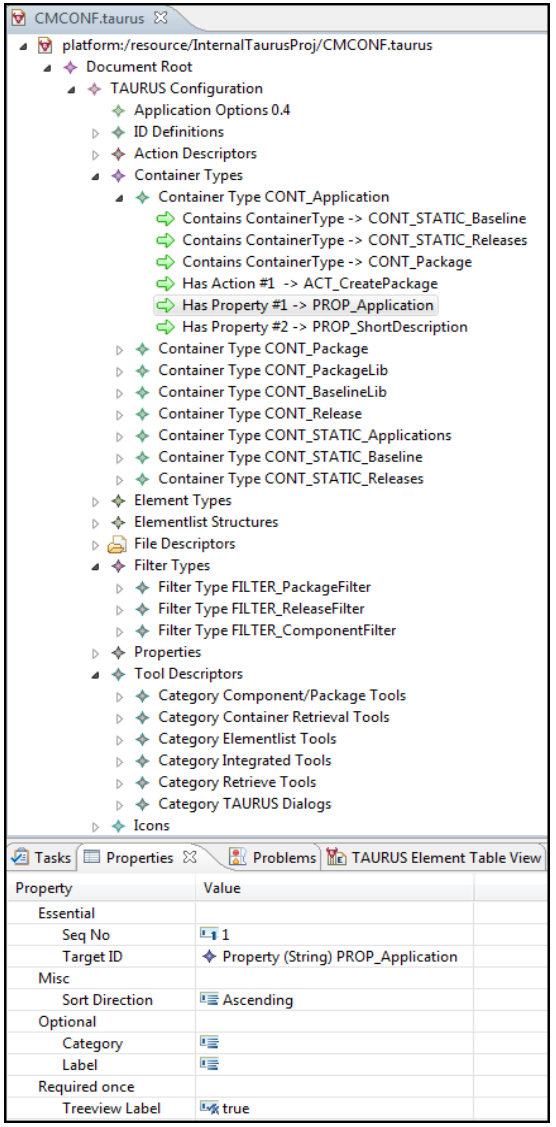
- **Model driven tool integration**
  - Modeling of user interfaces and tool integration
  - Supports integration of SCLM, Endevor, ChangeMan, …
  - Fully customizable
  - Fully integrated into Eclipse and RDz
- **Reducing effort**
  - Integration with major SCM systems out of the box
  - Predefined models for different development processes
  - Integration with all kinds of tools like RAA, RTC, …
  - Existing skill is sufficient – no plug-in development skill required
- **10 times faster compared to plug-in development**
  - Plug-in development becomes obsolete
  - Complete and deep integration becomes affordable
  - High functionality and quality of UI increase developer acceptability and productivity
  - The financial hurdle for RDz implementations is reduced significantly

SoforTe – TAURUS – architecture

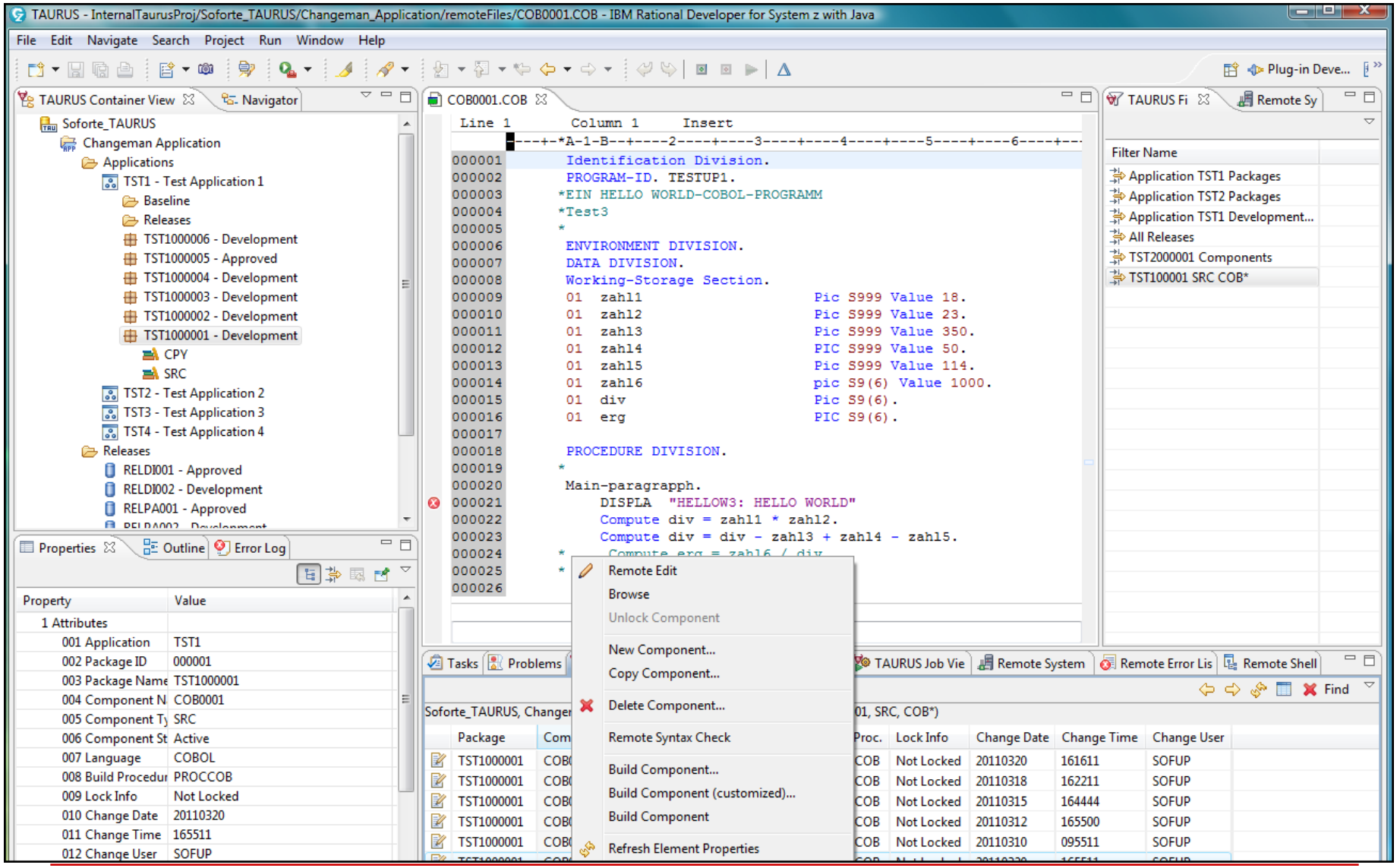


SoforTe – TAURUS – modeling



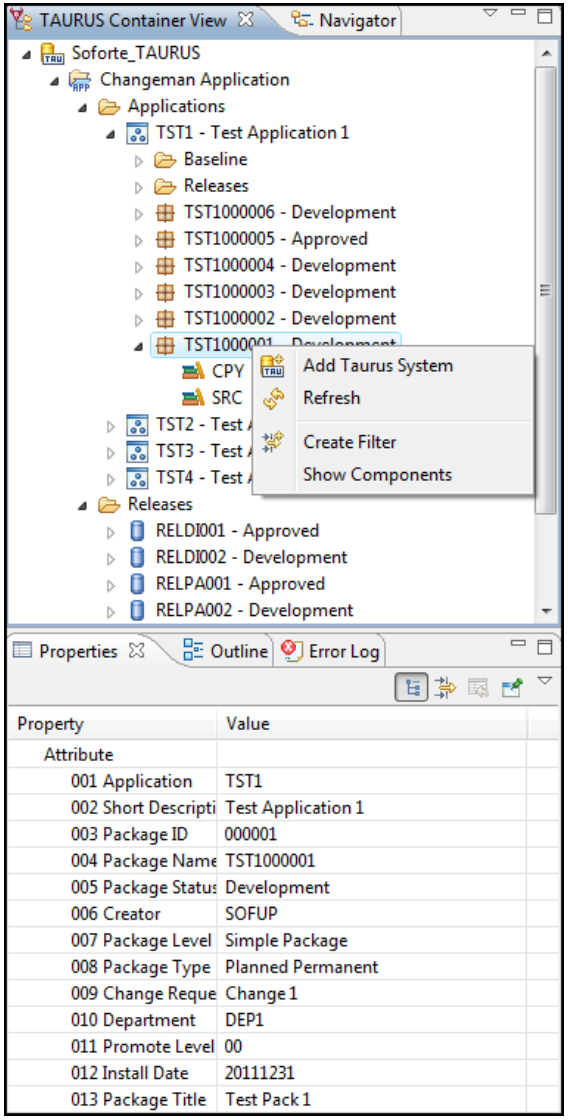


SoforTe – TAURUS – ChangeMan Integration

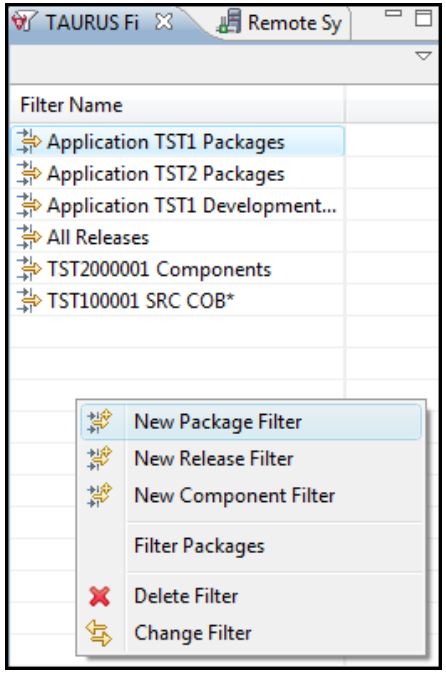


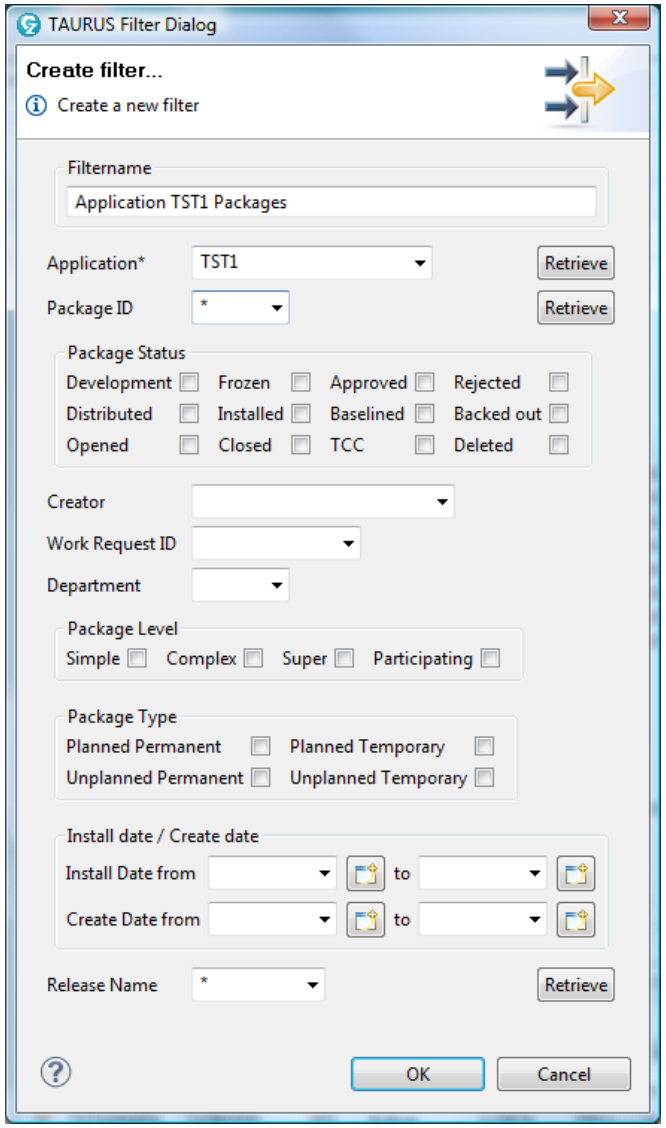
Taurus - ChangeMan Tree View

- **Supports a hierarchical view to:**
  - Applications
  - Packages
  - Baselines
  - Promotion Libs
  - Types
  - Releases (if ERO option is in use)

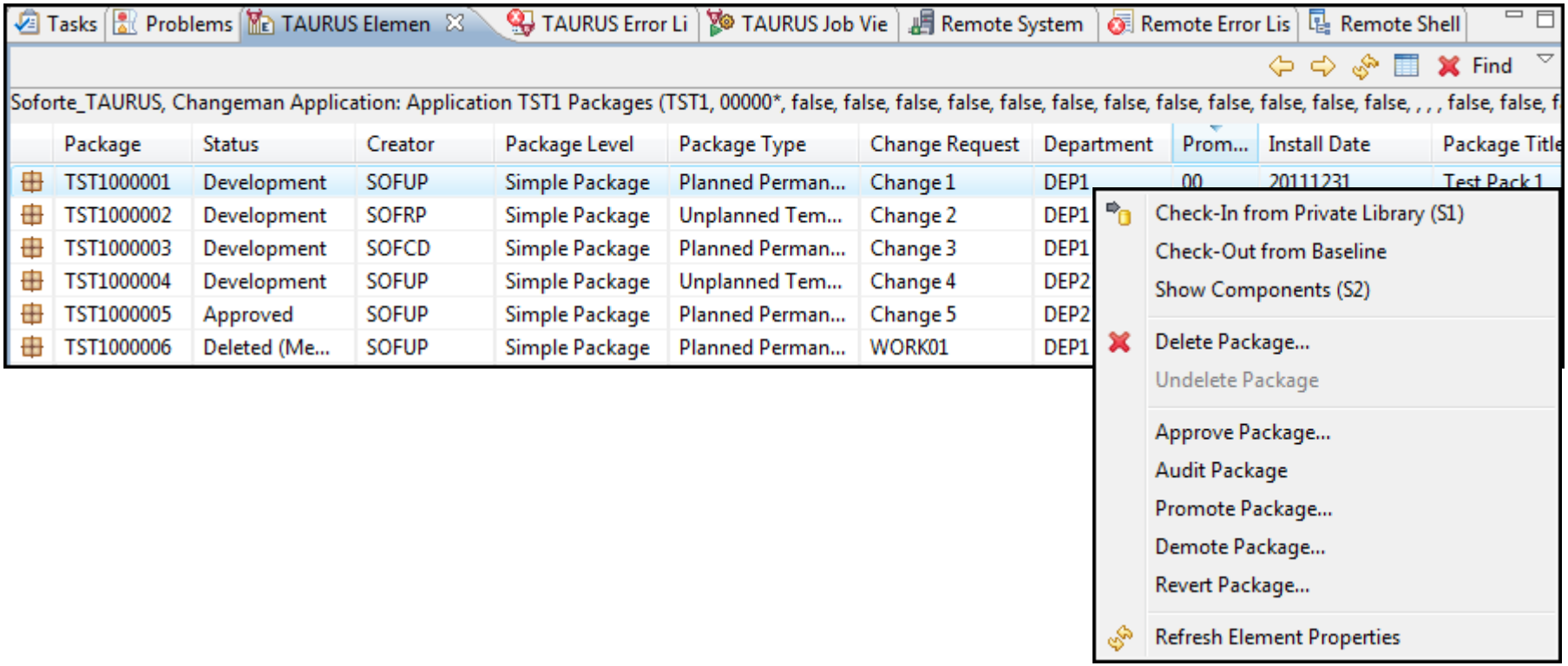


Taurus - Create a ChangeMan Package List

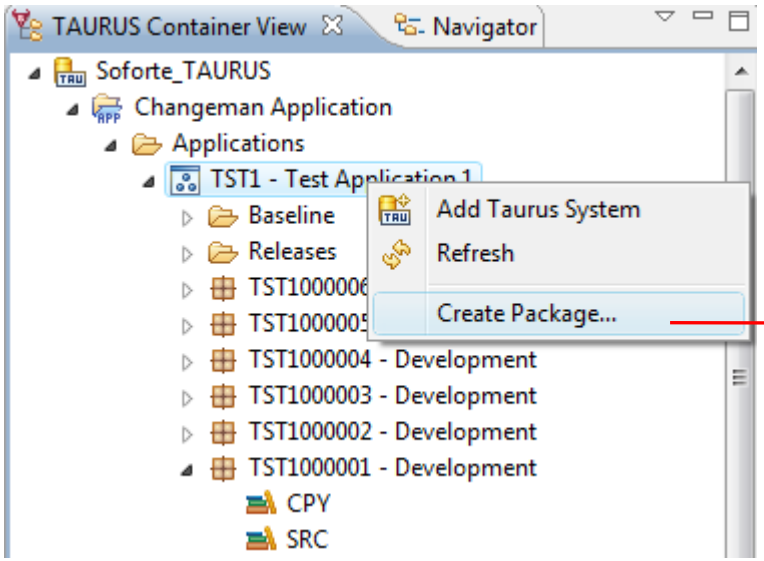


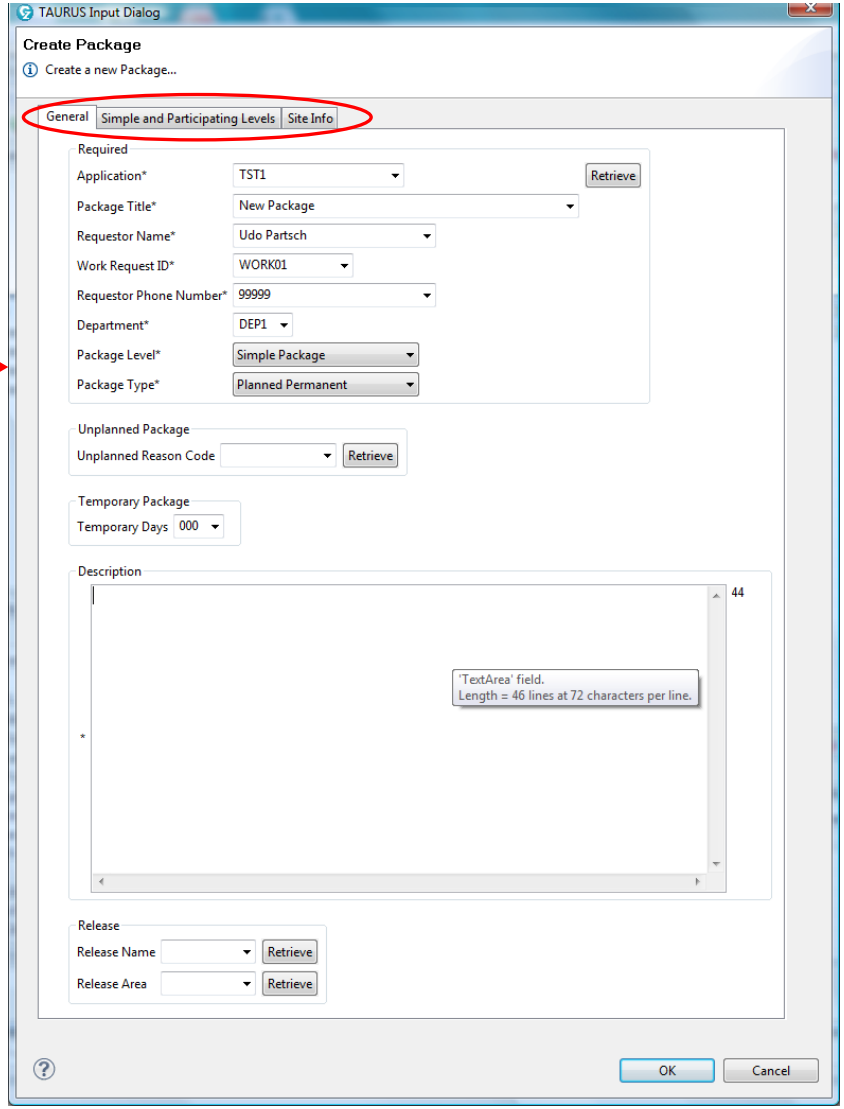


TAURUS – ChangeMan Package Functions



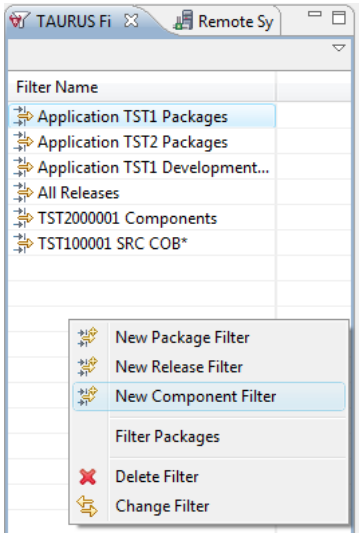
TAURUS – Create a new ChangeMan Package

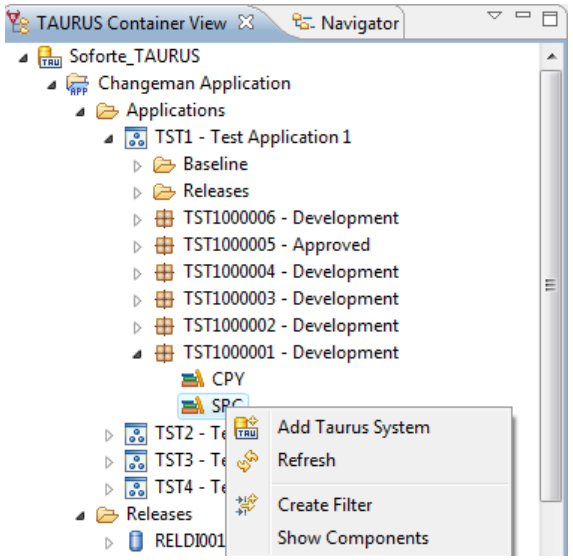


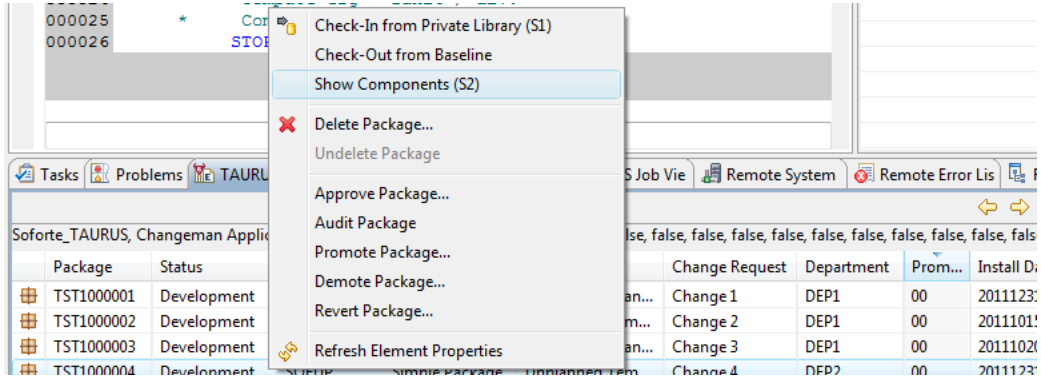


TAURUS – Create a ChangeMan Component List

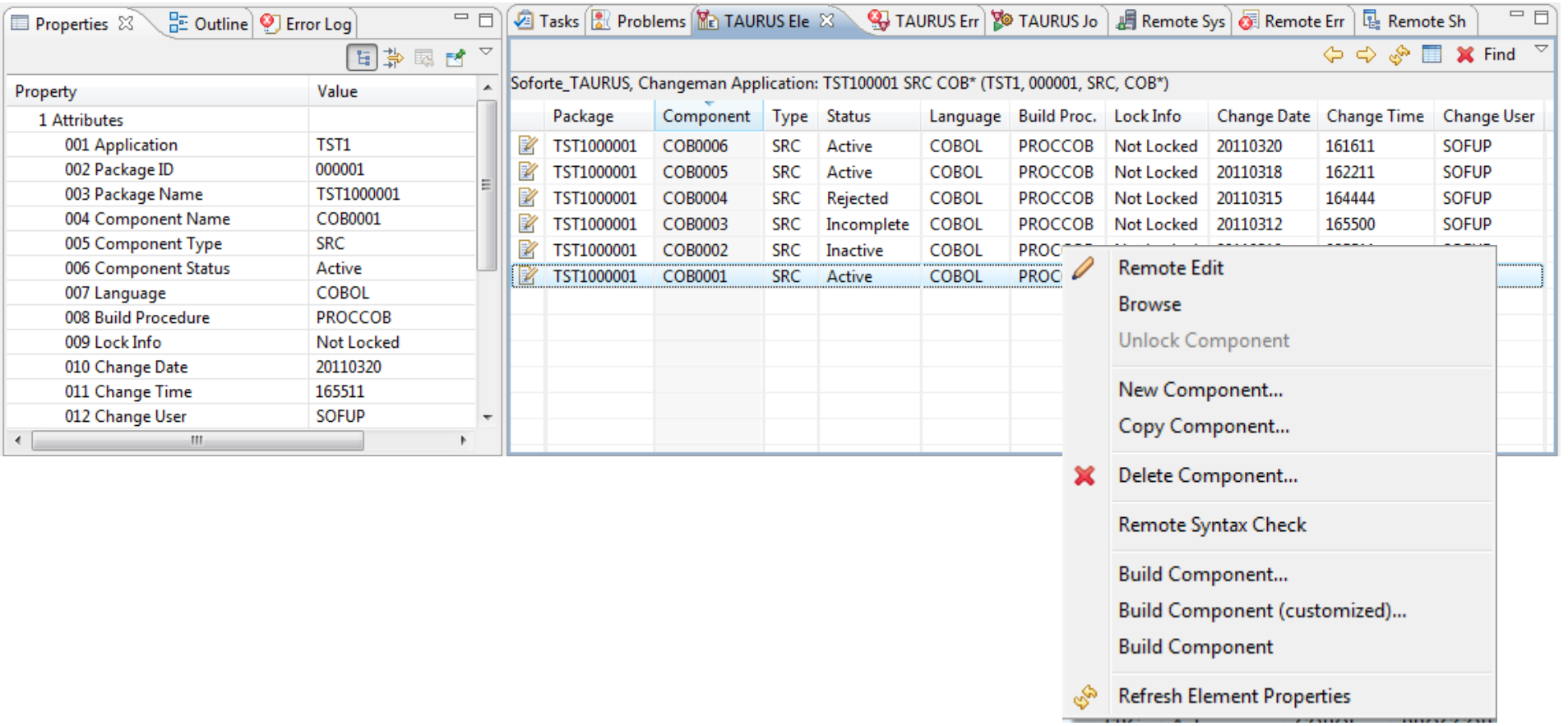
- **Several ways to create a component list:**
  - From the filter view
  - From the package list
  - From the tree view





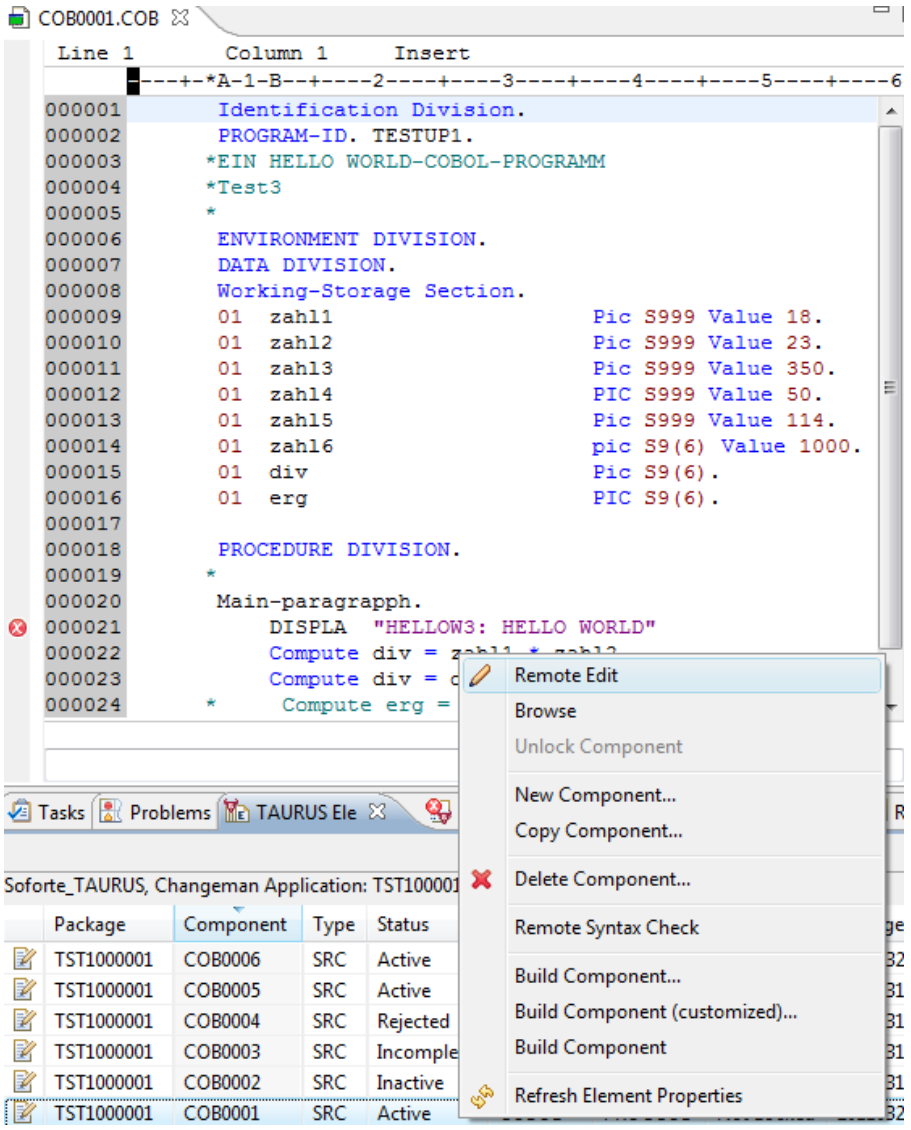


TAURUS – ChangeMan Component Functions

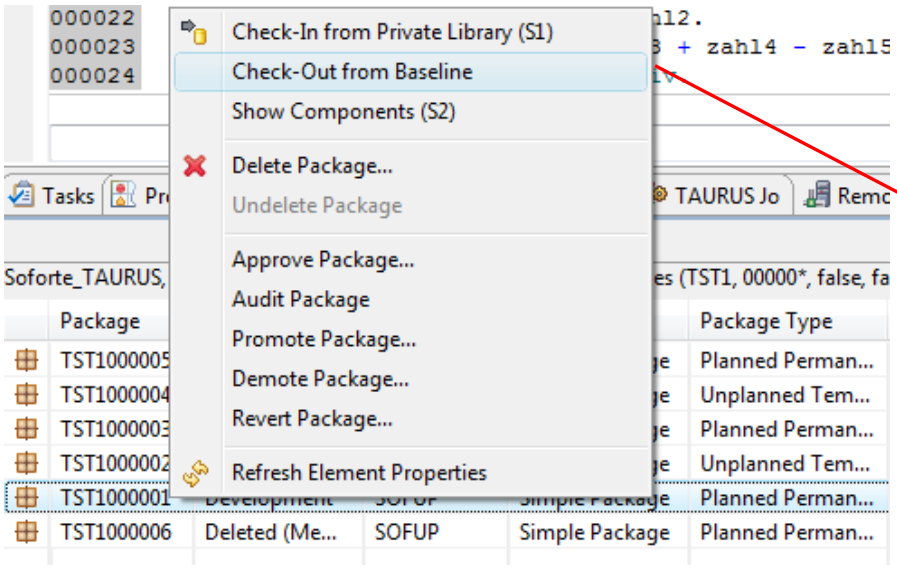


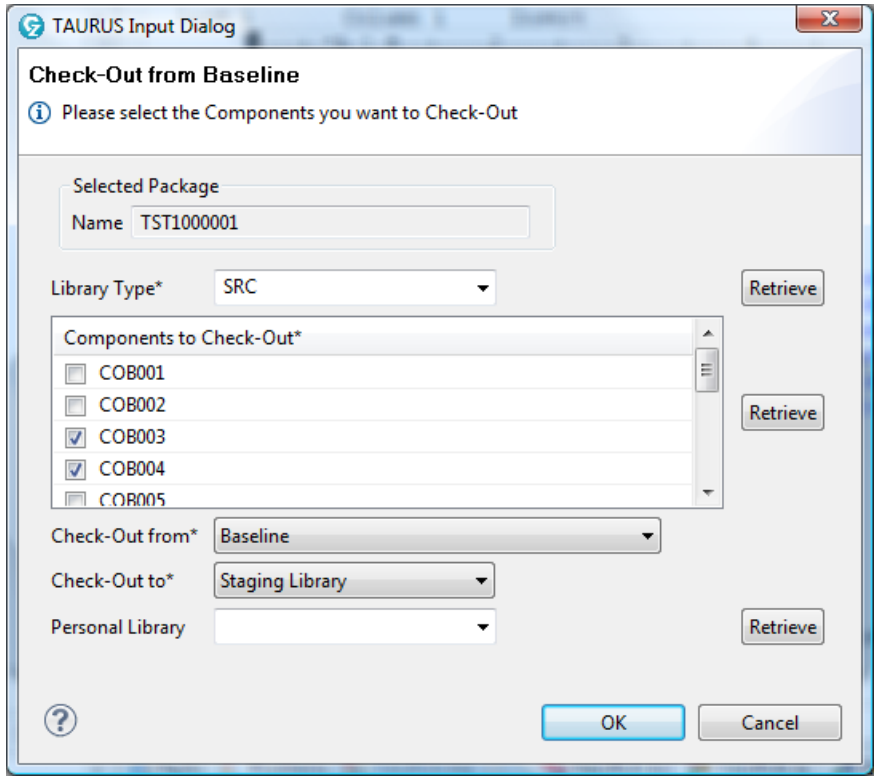
Taurus – Editing a ChangeMan Component

- **Modeling your own Edit Scenario:**
  - Scenario A:
    - Remote Edit of a package component
  - Scenario B:
    - Check-Out from a package to the RDz workspace
    - Local Edit
    - Check-In
  - Scenario C:
    - Check-out from the baseline to a private PDS
    - Remote Edit
    - Check-In package
  - …..
- **Support of the local and remote syntax check**

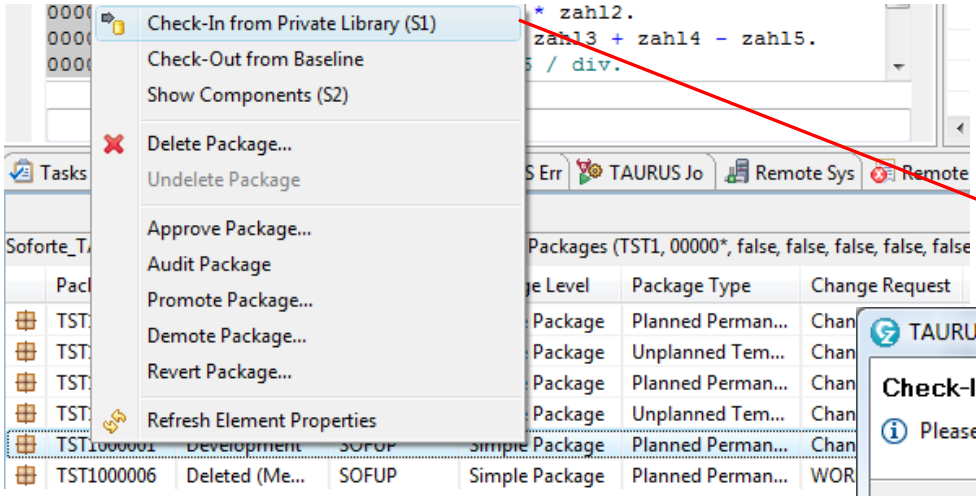


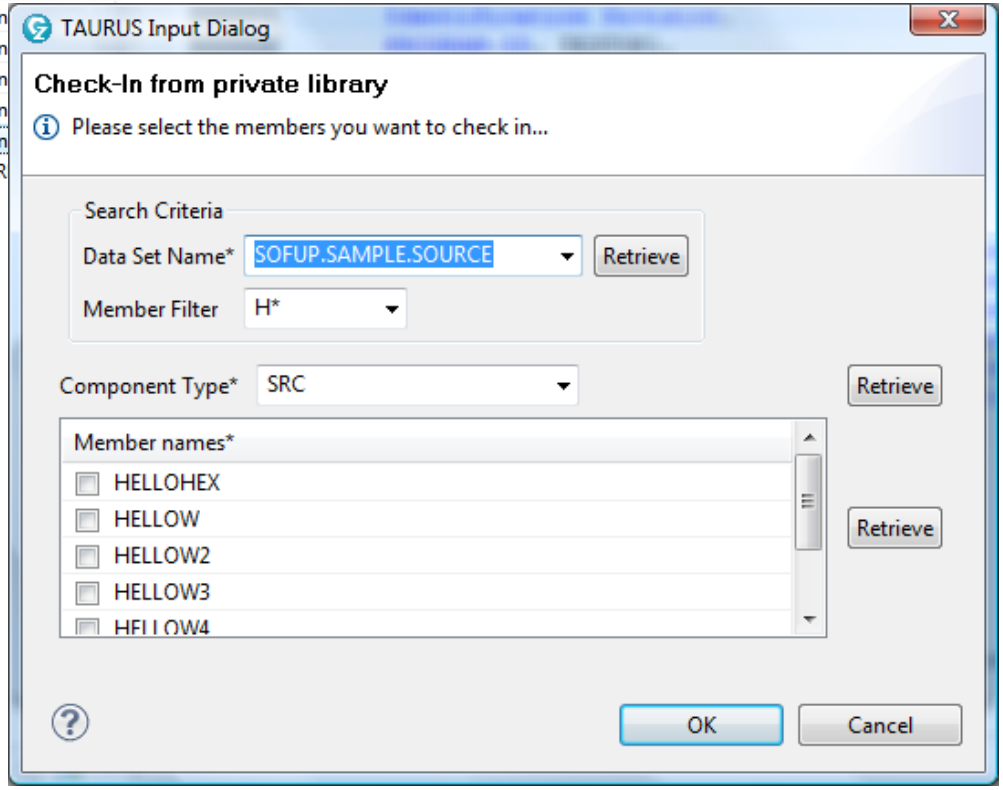
Taurus – Check-out Components from Baseline



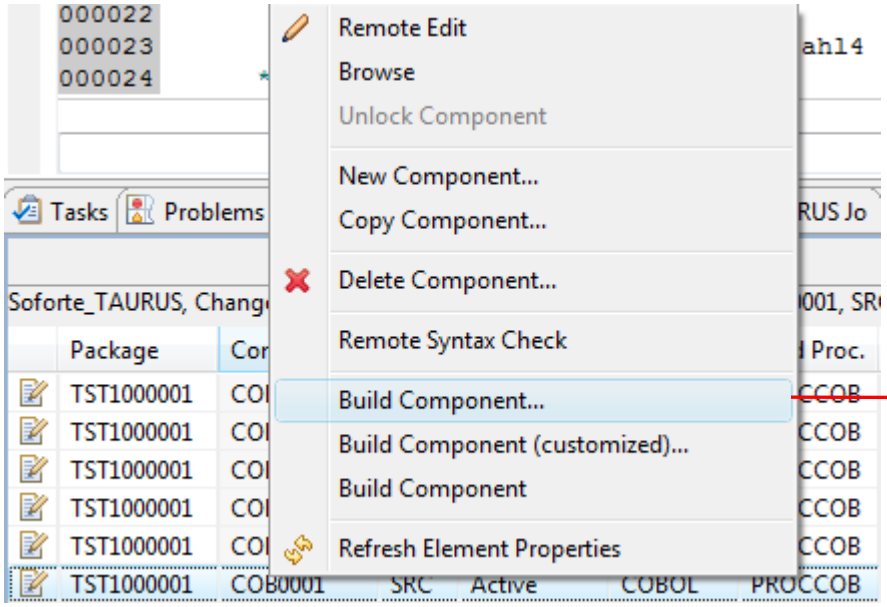


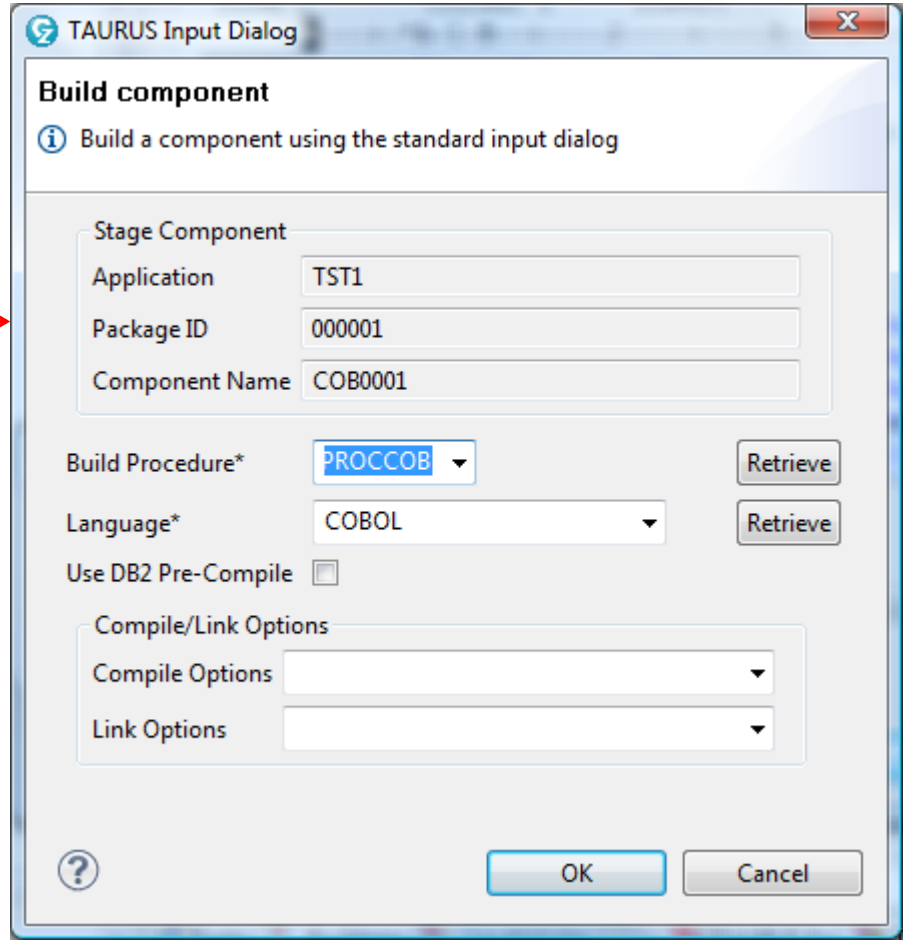
Taurus – Check-in Components from a PDS



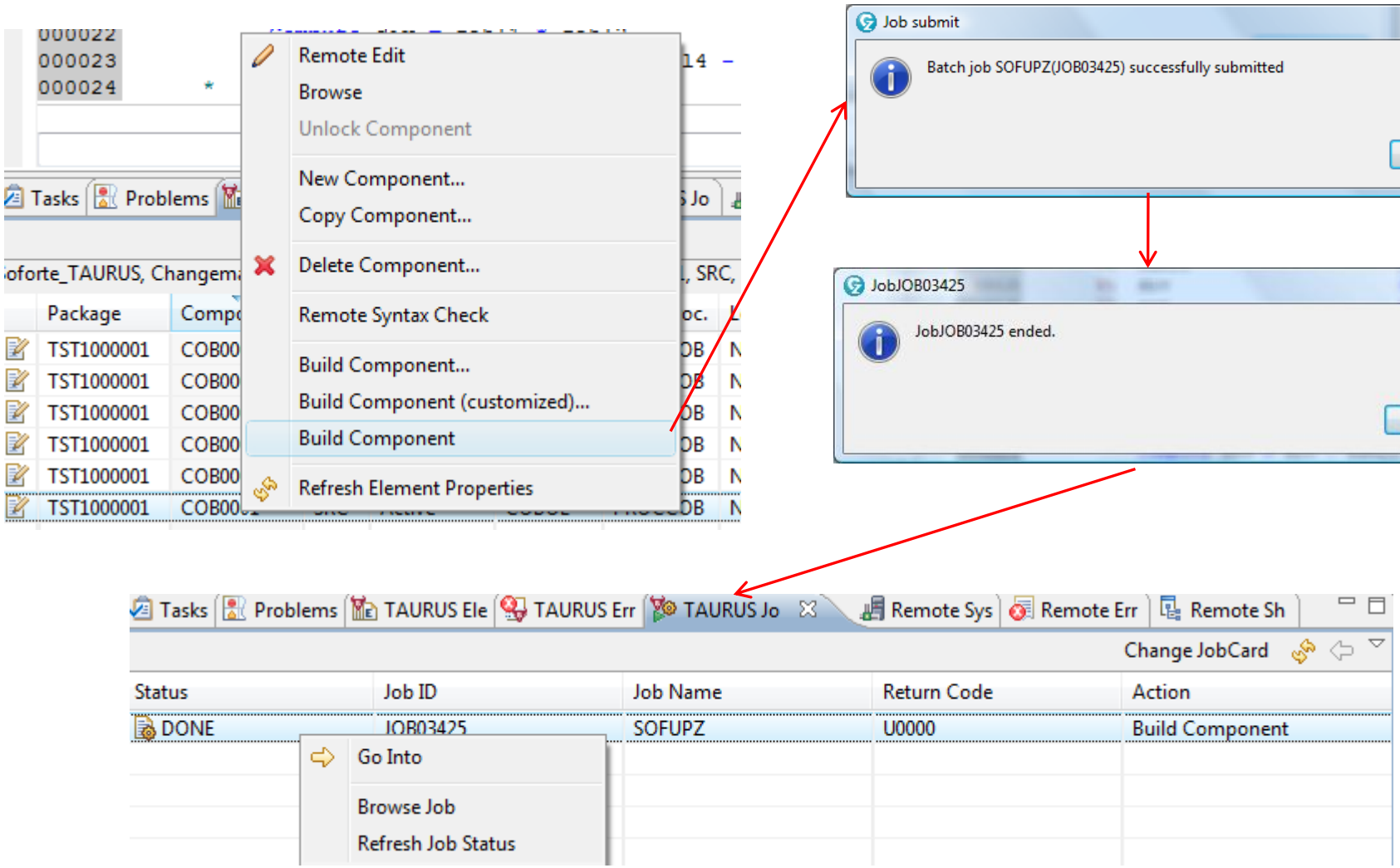


Taurus – Build a Component (standard Dialog)



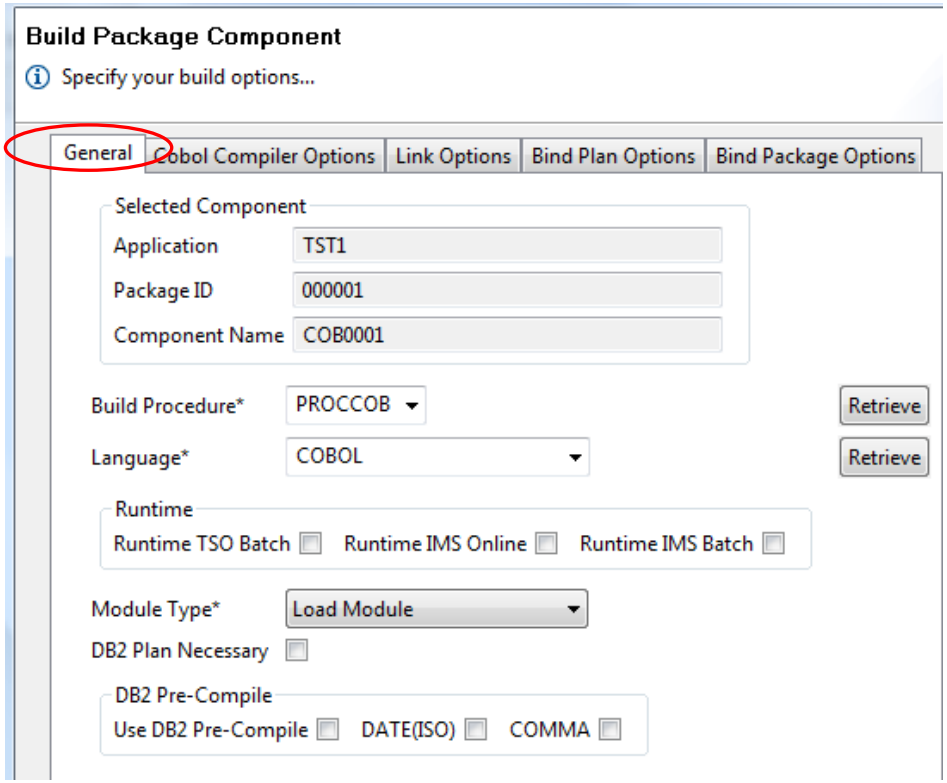


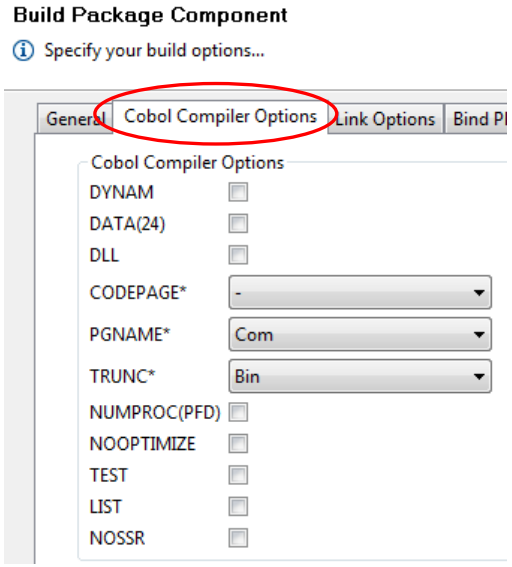
Taurus – Build a Component (reuse options)

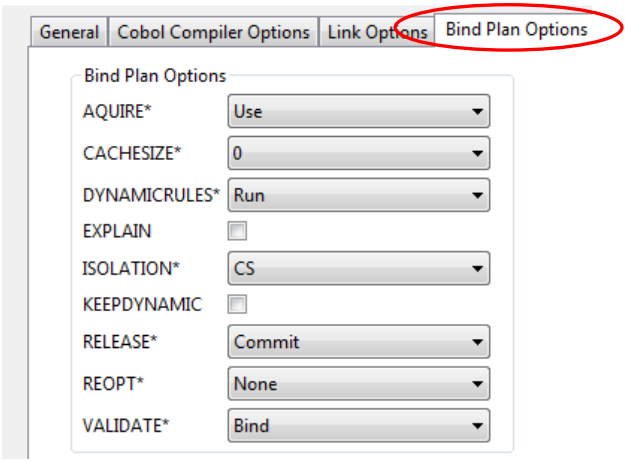


Taurus – Build a Component (customized)

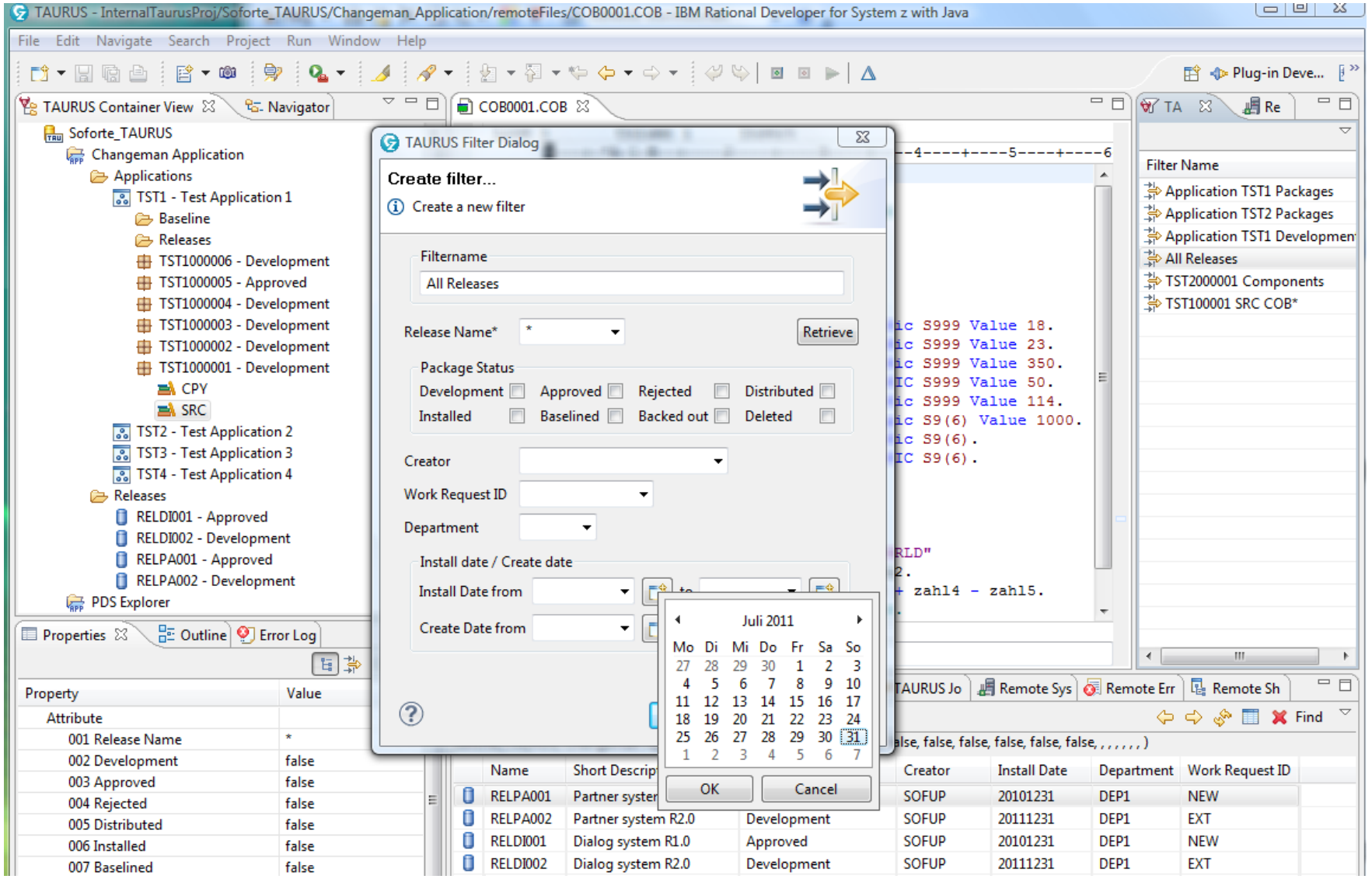
- **Defining your own Build Options Dialog without Plug-in programming effort (sample modeling result):**







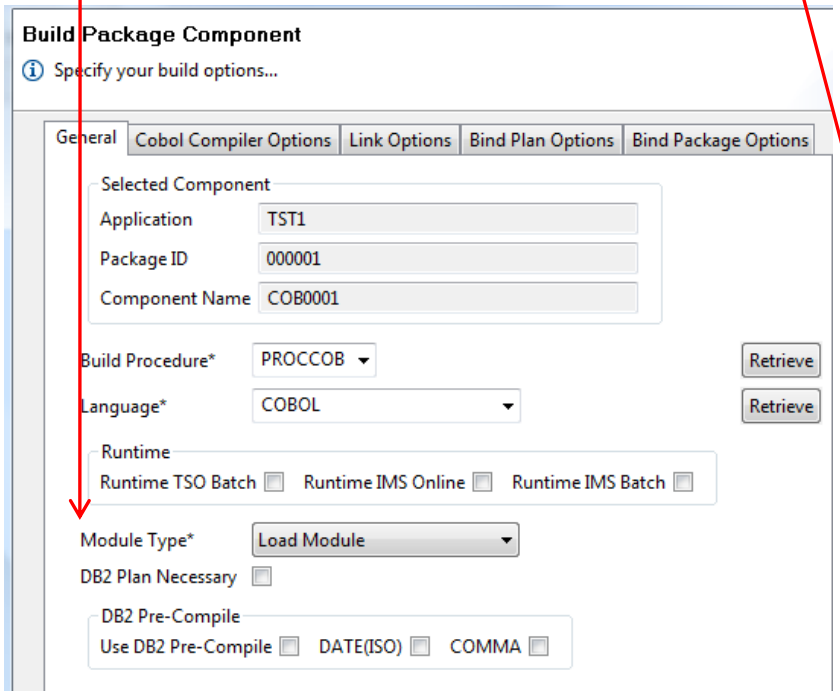
Taurus – Release support (ERO Option only)



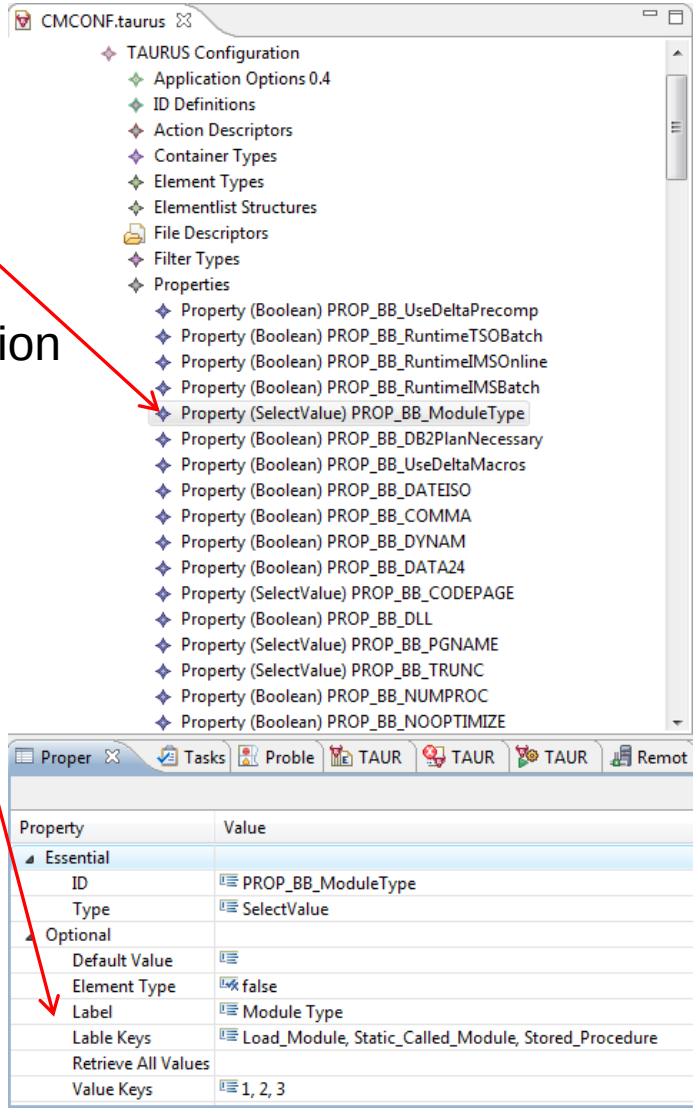
Taurus – How to model the customized build

- **(1) Define a property for each dialog field**

Model Result



Model Definition

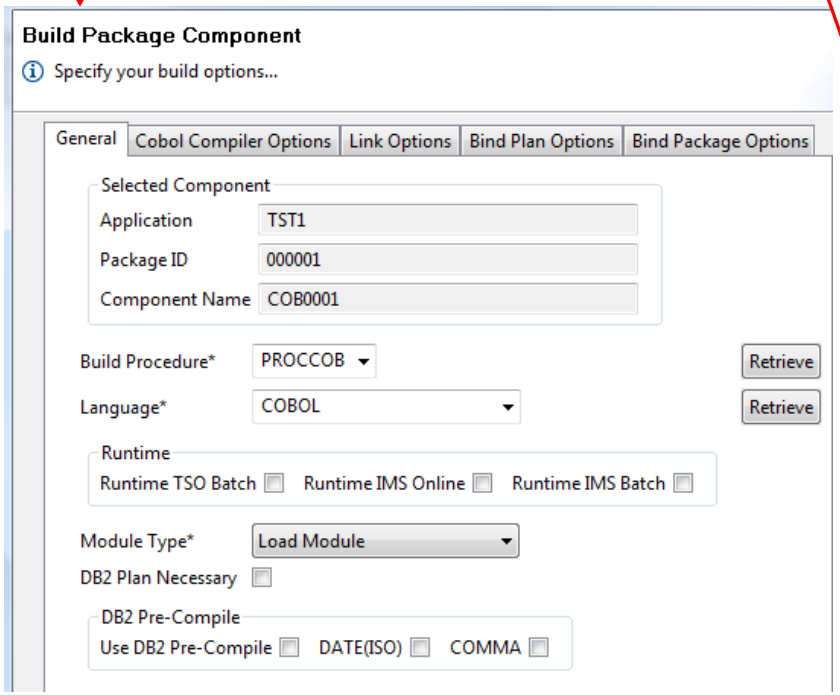


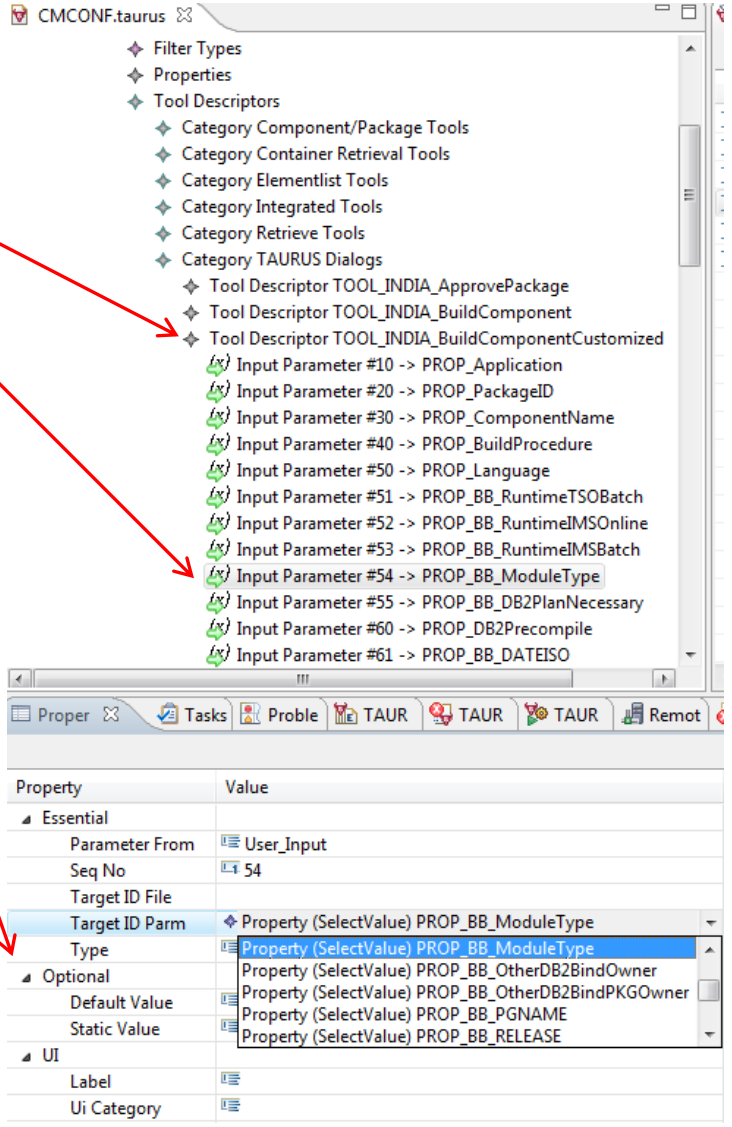
Taurus – How to model the customized build

- **(2) Define the dialog and associate the dialog fields**

Model Result

Model Definition

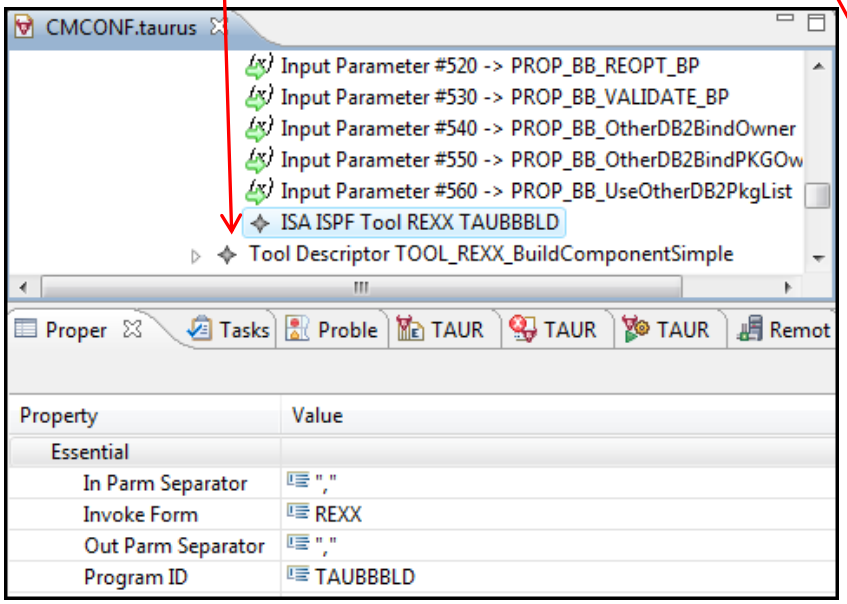


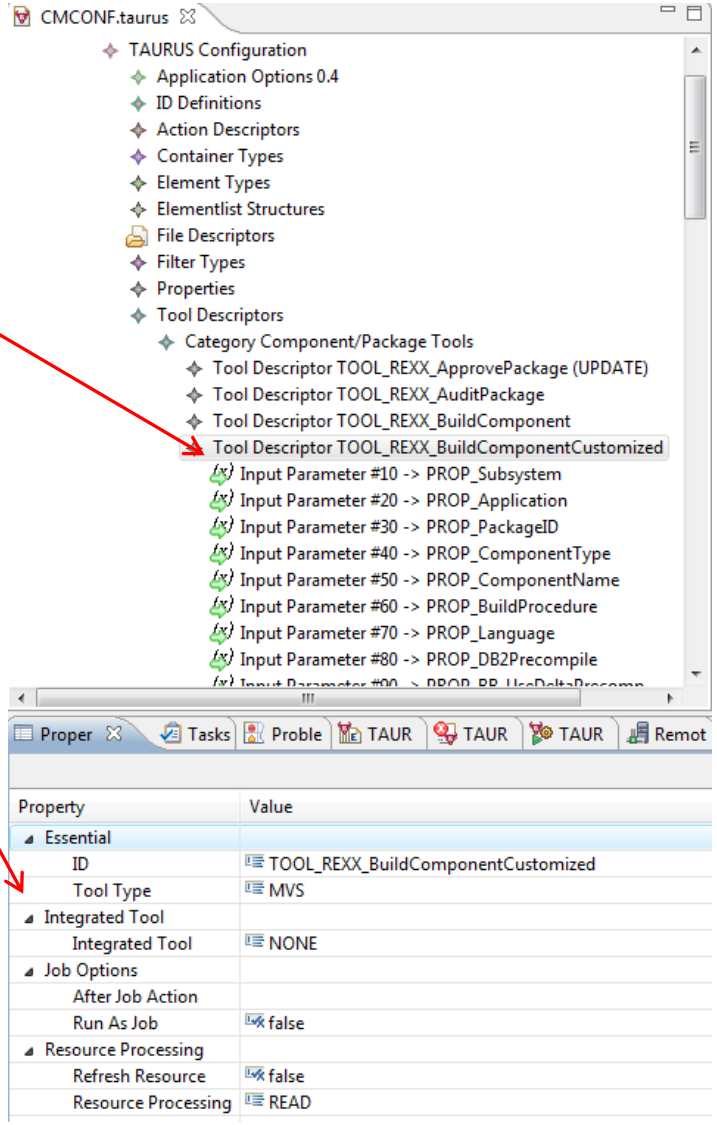


Taurus – How to model the customized build

- **(3) Define the REXX tool which calls the ChangeMan Build and associate the dialog fields as input parameters.**

Model Definition

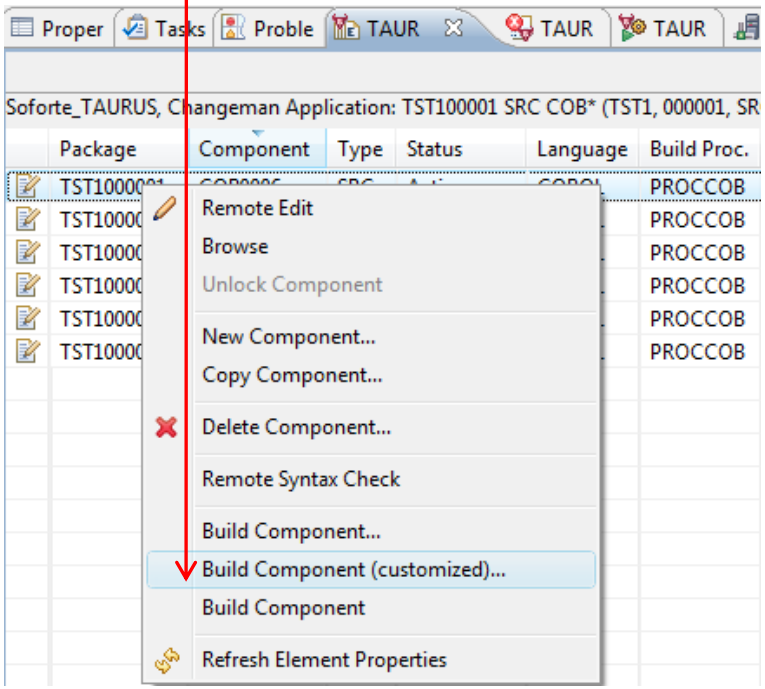




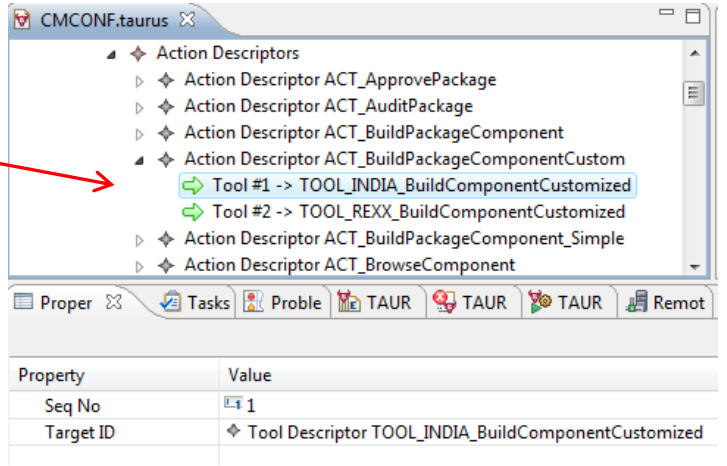
Taurus – How to model the customized build

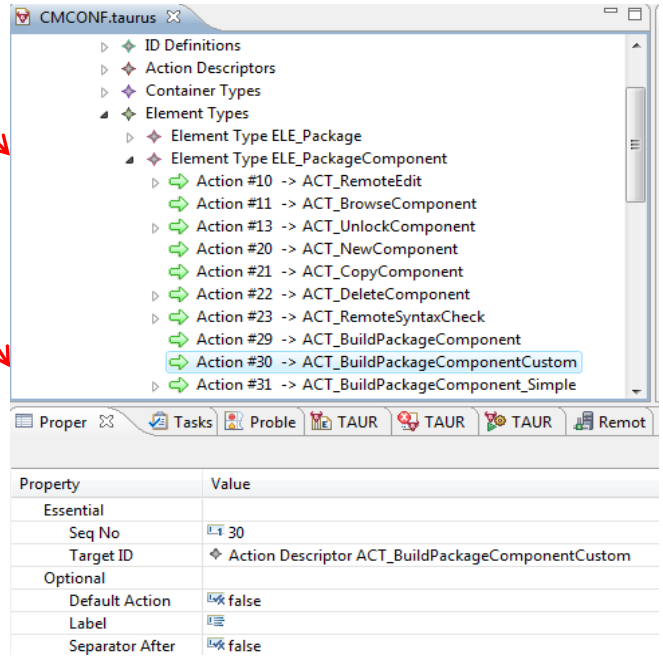
- **(4) Define an action and associate the input dialog and the REXX tool**
- **(5) Associate the action to the ChangeMan package component type**

Model Result



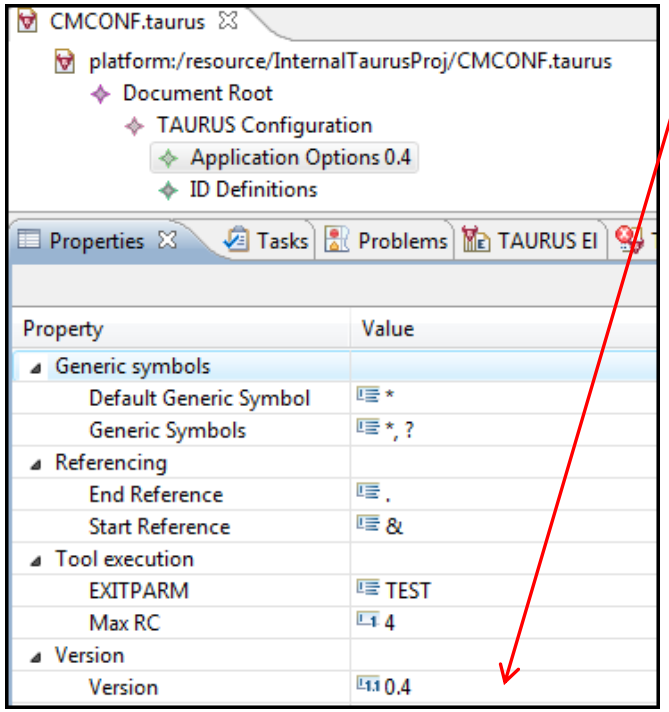
Model Definition

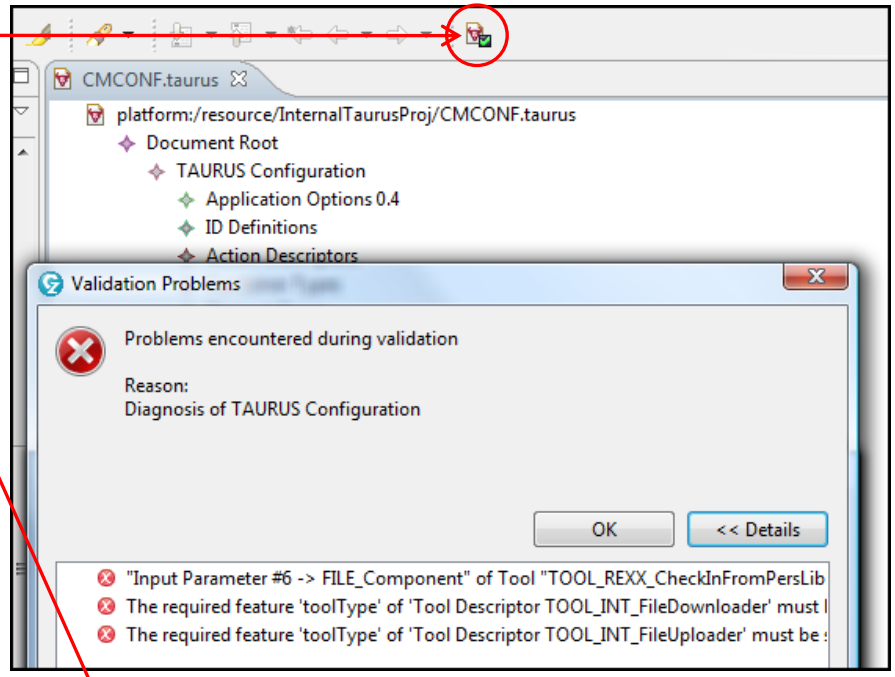


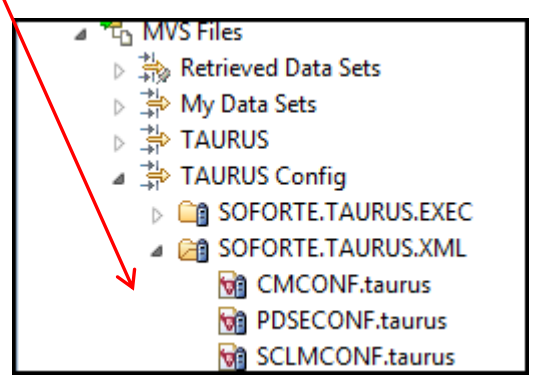


Taurus – How to model the customized build

- **(6) validate your model (consistency check)**
- **(7) Store the model in a PDS or USS and test your customization**
- **(8) Promote the new model to all client users only by changing the version number (no client installation process necessary)**







SoforTe – TAURUS – Benefits

- **Reduces hurdle for RDz implementation**
  - Plug-in development becomes obsolete
  - Existing skill is sufficient – no plug-in development skill required
  - Supports SCLM, Endevor, ChangeMan
  - The financial hurdle for RDz implementations is reduced significantly
- **Reduces risk for RDz Implementation**
  - Complete and deep integration becomes affordable
  - Predefined models for different development processes
  - Integration with all kinds of tools like RAA, RTC, …
  - High functionality and quality of UI increase developer acceptability and productivity
- **It's a product**
  - It's a product, not a service
  - Existing shortage in implementation skills is not a bottleneck anymore