

Print DEM Session Authorizations

Introduction

Within DEM Business Processes are modeled. Business Processes contain activities to be executed. Those activities can be Baan sessions.

To Business Processes and activities roles are linked. To an employee roles are linked. This way the access to the Baan sessions is controlled.

On runtime the employee then has a specific DEM menu (Dynamic Menu Browser or Process Browser).

When an employee executes Baan sessions from the DEM menu, then the modeled DEM authorizations are used for those sessions.

For the table and table-field authorization the tools AMS authorizations are used.

The DEM authorizations are on runtime deduced from the modeling information and are not stored into static authorization tables.

For SOX more and more customers feel the need to have a clear overview of the authorizations for the Baan application of a certain employee, whom uses DEM.

Within DEM there are reports to give insight in the Role – Business Process relation, but those reports do not give an insight in session authorizations.

That is the reason, why the report described in this document will be developed.

Functional description of the Session

Authorizations are based on roles linked to a business process or activity or sub application.

Those authorizations become active in the context of a runtime project model.

To really know, what kind of authorization an end-user has to the Baan sessions, you need to look at that in the context of his active runtime project model.

When your end-user is working within the context of multiple project models, then you need to run the session multiple times.

When you want an idea of what kind of authorizations are related to a certain role, then you can run the session for repository data.

That is the reason the session has two main selections.

The screenshot shows a Windows-style dialog box titled "tgbg8441m000 : Print DEM session authorizations [User: awever] [593]". The dialog is divided into two main sections: "Based on Project Model" (selected) and "Based on Repository".

Based on Project Model:

- ☒ Based on Project Model
- Project Model: A large empty text area.
- Business Model: A dropdown menu showing "P7".
- Version: A dropdown menu showing "REGRES".
- Optimization Phase: A dropdown menu.
- Employee: ☒ (selected)
- Employee Group: ☐
- From: A dropdown menu showing "ada3".
- To: A dropdown menu showing "ada3".

Based on Repository:

- ☐ Based on Repository
- Version: A dropdown menu.
- Role: A dropdown menu.
- From: A dropdown menu.
- To: A dropdown menu.

Available Options:

- ☒ Only activities of running ERP component
- ☒ Include Support Applications
- ☒ Include application descriptions
- ☒ Include sub application descriptions
- Levels of sub applications to be printed: A text input field containing "2".

Buttons:

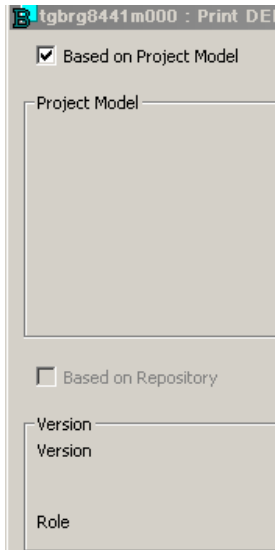
- Print
- Close
- Save Defaults
- Get Defaults
- Help

At the bottom are some options to influence the lay-out of the report and how detailed the report should be.

The report can become quit big, so best is not to print the report to paper, but either to file or to display. When printed to a file, that can be imported to an Excel file and there further analysis can be done.

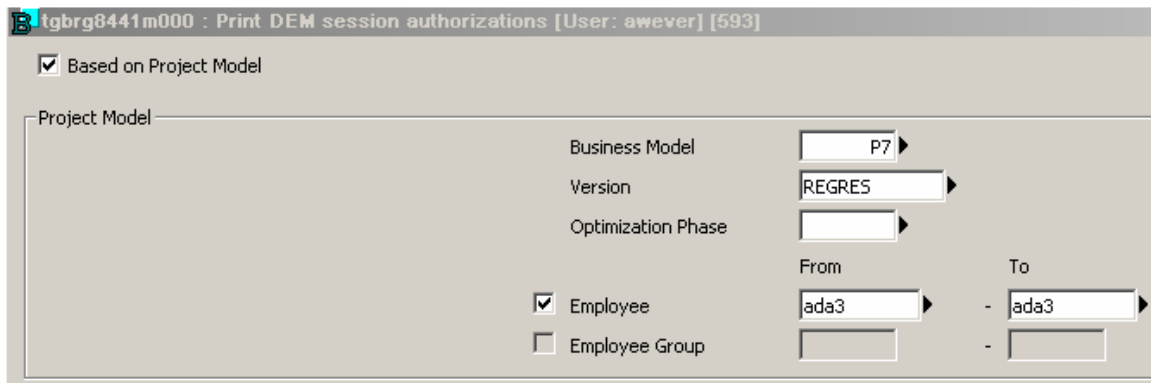
Detailed description of the Session

The first choice to be made is the main selection criteria.



The screenshot shows a software window titled "tgbrg8441m000 : Print DEM". It contains two radio button options. The first option, "Based on Project Model", is selected with a checked checkbox. Below this option is a large, empty rectangular box labeled "Project Model". The second option, "Based on Repository", is unselected. Below this option are three smaller, empty rectangular boxes labeled "Version", "Version", and "Role".

The report is either based on project model data or on repository data. When you choose based on project model data, you are in fact choosing a runtime environment. When you choose based on repository, then you are choosing to see the result of modeling for a certain role, but that does not have to reflect a runtime situation.



The screenshot shows a software window titled "tgbrg8441m000 : Print DEM session authorizations [User: awever] [593]". It contains two radio button options. The first option, "Based on Project Model", is selected with a checked checkbox. Below this option are several input fields. On the left is a large, empty rectangular box labeled "Project Model". To the right of this box are three input fields labeled "Business Model", "Version", and "Optimization Phase". The "Business Model" field contains the text "P7". The "Version" field contains the text "REGRES". The "Optimization Phase" field is empty. Below these fields are two radio button options. The first option, "Employee", is selected with a checked checkbox. The second option, "Employee Group", is unselected. To the right of these radio buttons are two input fields labeled "From" and "To". The "From" field contains the text "ada3". The "To" field contains the text "ada3". There is a minus sign between the two fields.

When the report will be based on project model data, then first a project model needs to be chosen. The project model can be chosen from all available runtime project models within the DEM company you are running this session. Within the project model the report will be printed per employee and within the employee the results will be ordered by role and then by business process. You can choose the employees for which the report should be printed by specifying a range of employees or by choosing a range of employee groups. You can choose employees from the list of employees linked to the project model.

You can choose employee groups from the list of all employee groups in the repository. The report will then check for every employee in the group if the employee is linked to the project model. Only for the linked employees the report will then print information.

The screenshot shows a configuration window with a tab labeled 'Based on Repository'. Below the tab, there are three input fields: 'Version' (containing 'REGRES'), 'From' (containing 'R1'), and 'To' (containing 'R5'). The 'From' and 'To' fields are separated by a hyphen. The 'Version' field is also labeled 'Version' on the left. The 'Role' label is positioned below the 'From' and 'To' fields.

When the report will be based on repository data, then first a version needs to be selected. The business processes within that version will then be evaluated against the selected roles.

The report will be printed per by role and then by business process.

The screenshot shows a configuration window with a tab labeled 'Available Options'. Below the tab, there are four checked options: 'Only activities of running ERP component', 'Include Support Applications', 'Include application descriptions', and 'Include sub application descriptions'. Below these options, there is a label 'Levels of sub applications to be printed' followed by a text box containing the number '2'.

The options at the bottom influence the information printed on the report.

Only activities of running ERP component

When this option is checked, then only those activities, which are of type “Application” and of which the component is the running ERP component will be printed.

When this option is unchecked, then all activities will be printed, although the checking and printing of authorizations of the sub applications will only be done for the running ERP component.

Include Support Applications

When this option is checked, then also the support application information will be checked and printed.

A support application is a component within DEM, which can be linked to a business process or an activity. Within the support application a list of component applications can be attached. Those applications will be printed and only when for the running ERP component applications also the sub applications will be printed and checked.

When this option is not checked, then the support applications will be ignored.

The reason not to choose, can be, that the company ensured that all sessions in a support application always have “Display” authorization. That way the added value of printing them is minimal.

Include application descriptions

On the report the component application code and authorization type will always be printed. With this option the choice can be made to print also the descriptions or not to print the descriptions.

Include sub application descriptions

On the report the sub application code and authorization type will always be printed. With this option the choice can be made to print also the descriptions or not to print the descriptions.

Levels of sub applications to be printed

Within a Baan session you can zoom to other sessions, from those sessions you can zoom to other sessions and from those sessions again you can zoom to other sessions. There is almost an unlimited amount of levels you can zoom. After a certain level however the sessions found will be the almost all the same as found on a higher level.

With this field can be specified how many levels should be taken into account in the search for sub applications and their authorization.

A high number will increase the time needed to print the report.

Examples of report results

Project model based

Project Model	:	P7		
Version	:	REGRES		
Optimization Phase	:			
Employee Group	From	:	To	:
Employee	From	:	To	:
Employee		ada3		ada3
Available Options				
Only activities of running ERP component				: Yes
Include Support Applications				: Yes
Include application descriptions				: Yes
Include sub application descriptions				: Yes
Levels of sub applications to be printed				: 2
Employee	:	ada3	Ada Test number 3 ; executor	

As first the selections are shown.

Then the information will be printed per employee.

Role		Proc.	Application		
R1	Role for lin	MBP1	SBP1	Sub Business Process 1	
R1	Role for lin	MBP1	aSa	Linked to activity Sup	
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
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R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho
R1	Role for lin	MBP1	tppdm0131m000	Third-Party Types	Full Autho

Of the business process only the code will be printed.

Then the first activity code, description and authorization type will be printed.

When the descriptions are not printed, more room will be allocated to the other columns in the report.

Sub business processes will be handled after the main business processes, but are mentioned first as activity.

From level 2 and further the application description will contain the name of the session from which the sub application is found.

Application			Level	Subapplication
SBP1	Sub Business Process 1		0	
tgborg4400m000	Print Project Models (	Print/Disp	0	
tgborg4400m000	Print Project Models (	Print/Disp	1	bdec0255m000
tgborg4400m000	Print Project Models (	Print/Disp	1	dmcom9090m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg1110m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg1500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg2500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg4500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg4530m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5105m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5122s000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg9299m000
tgborg4400m000	Print Project Models (	Print/Disp	1	ttaad2500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	ttaad5102s000
tgborg4400m000	Sub of dmcom9090m000		2	dmcom8110m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1165m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1211m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1420m000
tgborg4400m000	Sub of tgborg1110m000		2	ttaad2500s000
tgborg4400m000	Sub of tgborg1110m000		2	ttams1100s100

After the application linked to the activity the sub applications will be printed.

Level	Subapplication		
0			
0		ACT. SUPPORT APPLICATION	
0			
1	bdec0255m000	ECM Actions	Full Autho
1	dmcom9090m000	Objects	Full Autho
1	tppdm0431m000	Print Third-Party Types	Full Autho
1	ttams1100s100	User Data	Full Autho
1	ttstpcalc	Calculator	Full Autho
1	ttstpcalendar	Calendar	Full Autho
1	ttstpqbf	Filter	Full Autho
2	ttaad5102s000	Add Session to Job	Full Autho
2	dmcom8110m000	Objects links	Full Autho
2	tcms0297s000	Create Performance Boost	Full Autho
2	tppdm0131m000	Third-Party Types	Full Autho
2	ttaad2500s000	User Data	Full Autho
2	ttadv0145m000	Check Password	Full Autho
3	ttaad3500m000	Device Data	Full Autho
3	ttaad3530m000	Report Templates	Full Autho
3	ttaad5105s000	Job Data	Full Autho
3	ttaad5500m000	Job Data	Full Autho
3	ttaad5501m000	Sessions by Job	Full Autho
3	dmcom1510m000	Documents	Full Autho

Of every sub application the code, description and authorization type will be printed.

When the descriptions are not printed, more room will be allocated to the other columns in the report.

Before the sub application you see the level column. Level 0 is the activity level. Level 1 is the first level of sub applications.

Sub applications found on multiple levels will only be printed for the first level on which they are found.

Repository based

Version	:					
Role	From	:	R1	To	:	R5
Available Options						
Only activities of running ERP component					:	Yes
Include Support Applications					:	Yes
Include application descriptions					:	Yes
Include sub application descriptions					:	Yes
Levels of sub applications to be printed					:	2
Role	:	R1	Role for linking to Main Business Processes with Use act Auth in repos			

As first the selections are shown.
Then the information will be printed per role.

Proc.		Application		
MBP1	\\cde04006\DEM-d	SBP1	Sub Business Process 1 sA	
MBP1	\\cde04006\DEM-d	aSa	Linked to activity Suppor	
MBP1	\\cde04006\DEM-d	tppdm0131m000	Third-Party Types	Full Autho
MBP1	\\cde04006\DEM-d	tppdm0131m000	Third-Party Types	Full Autho
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Application			Level	Subapplication
SBP1	Sub Business Process 1		0	
tgborg4400m000	Print Project Models (Print/Disp	0	
tgborg4400m000	Print Project Models (	Print/Disp	1	bdec0255m000
tgborg4400m000	Print Project Models (	Print/Disp	1	dmcom9090m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg1110m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg1500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg2500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg4500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg4530m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5105m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5122s000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg5500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	tgborg9299m000
tgborg4400m000	Print Project Models (	Print/Disp	1	ttaad2500m000
tgborg4400m000	Print Project Models (	Print/Disp	1	ttaad5102s000
tgborg4400m000	Sub of dmcom9090m000		2	dmcom8110m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1165m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1211m000
tgborg4400m000	Sub of tgborg1110m000		2	tgborg1420m000
tgborg4400m000	Sub of tgborg1110m000		2	ttaad2500s000
tgborg4400m000	Sub of tgborg1110m000		2	ttaad5100s100

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Level	Subapplication		
0			
0		ACT. SUPPORT APPLICATION	
0			
1	bdec0255m000	ECM Actions	Full Autho
1	dmcom9090m000	Objects	Full Autho
1	tppdm0431m000	Print Third-Party Types	Full Autho
1	ttams1100s100	User Data	Full Autho
1	ttstpcalc	Calculator	Full Autho
1	ttstpcalendar	Calendar	Full Autho
1	ttstpqbf	Filter	Full Autho
2	ttaad5102s000	Add Session to Job	Full Autho
2	dmcom8110m000	Objects links	Full Autho
2	tcms0297s000	Create Performance Boost	Full Autho
2	tppdm0131m000	Third-Party Types	Full Autho
2	ttaad2500s000	User Data	Full Autho
2	ttadv0145m000	Check Password	Full Autho
3	ttaad3500m000	Device Data	Full Autho
3	ttaad3530m000	Report Templates	Full Autho
3	ttaad5105s000	Job Data	Full Autho
3	ttaad5500m000	Job Data	Full Autho
3	ttaad5501m000	Sessions by Job	Full Autho
3	dmcom1510m000	Documents	Full Autho

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