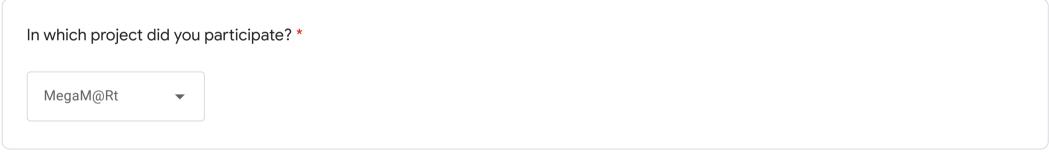
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.



Size of your organization (in personnel count) *

21-250

•

Domain of your organization *
automotive
airspace
o railway
academic
Other:
Role of your organization *
Case study provider
✓ Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
less than 1 year ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *					
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation					
Requirements analysis and negotiation					
System modeling				✓	
Requirements specification			✓		

Requirements validation

Requirements management

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources			✓		
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)			✓		
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)			✓		
Documentation generation			✓		
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Vas the proposed approach appropriate or the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			~		
Do you find the approach easy to apply?			~		
Would you apply a similar approach in future?					
n your opinion, what was	the most challenging a	spect of the Modelio	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

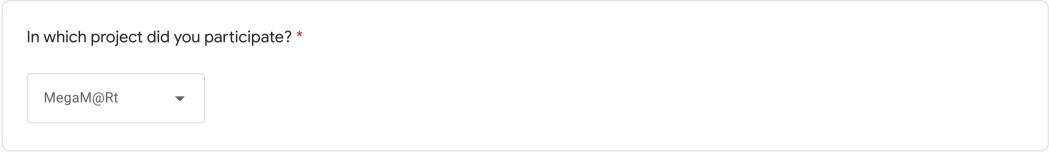
Google Forms

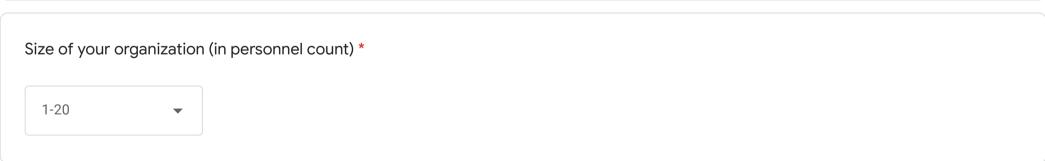
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
railway
○ telecom
o academic
Other: software testing
Role of your organization *
Case study provider
Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
11%-25%
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE
Project-level conventions for RE
✓ Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
3 to 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion	, did you find this	graphical model-b	ased approach	useful in different	activities of Rec	quirements Er	ngineering? *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation			✓		
Requirements analysis and negotiation			✓		
System modeling					✓
Requirements specification				✓	
Requirements validation			✓		
Requirements management				✓	

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies					
Traceability visualisation in a diagram view					
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)			✓		
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation			✓		
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

Please indicate your opinion on Modelio-based RE approach. *

Str	only disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?					
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					

In your opinion, what was the most challenging aspect of the Modelio-based approach?
The challenges apsect is not related to Modelio, but to the stakeholders motivation to maintain/update the models. Maybe some notification feature could help for this.
In your opinion, what is the most useful aspect of the Modelio-based approach?
Traceability and document generation
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
N/A (limited usage of Modelio within the project)
Do you have any more comments?
Thank you for the invitation.
This content is neither created nor endorsed by Google.

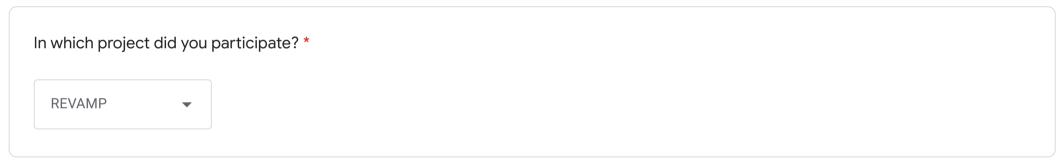
Google Forms

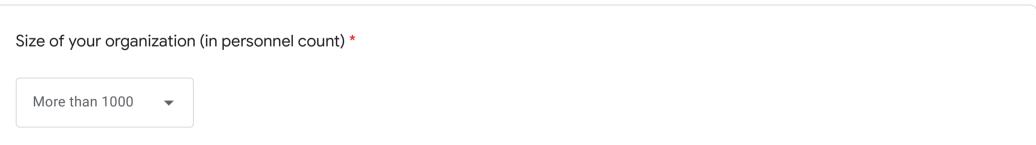
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *	
automotive	
airspace	
railway	
o academic	
Other:	*****
Role of your organization *	
Case study provider	
Technology provider	
Other:	***************************************

How much of working time does your team typically allocate on creating and maintaining RE documents? ★ less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * 3 to 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *	
O Not at all	
Sporadically (e.g. seldom)	
Regularly (e.g once a month, once a week)	
Other:	

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering?) *
---	------------

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation					
Requirements analysis and negotiation			✓		
System modeling			~		
Requirements specification		✓			
Requirements validation			✓		
Requirements management					

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning		~			
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view					
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Vas the proposed approach appropriate or the given size and accope of the project?					
Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			✓		
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					
n your opinion, what was	s the most challenging a	spect of the Modelio	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

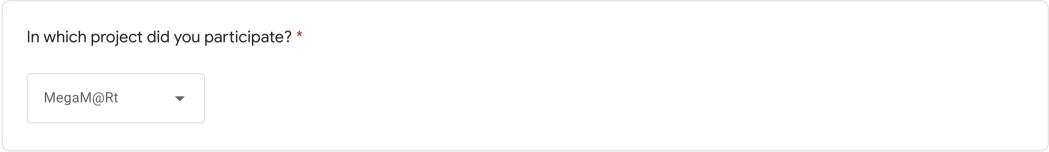
Google Forms

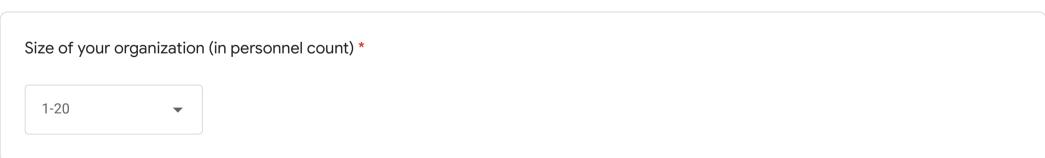
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Dom	ain of your organization *
\bigcirc	automotive
\bigcirc	airspace
\bigcirc	railway
\bigcirc	telecom
O	academic
\bigcirc	Other:
Role	of your organization *
	Case study provider
~	Technology provider
	Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *				
less than 10% ▼				
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *				
Ad-hoc or no predefined process for RE				
Project-level conventions for RE				
Organization-level conventions for RE				
Your personal level of experience with Requirements Engineering (RE) *				
1 to 3 years ▼				

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *						
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation						
Requirements analysis and negotiation						
System modeling			✓			
Requirements specification				✓		
Requirements validation			✓			
Requirements management						

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning			✓		
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product			✓		
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies				✓	
Traceability visualisation in a diagram view					
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					✓
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?					
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					
future?	s the most challenging a	aspect of the Modelio-	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?	
RE fast clear document generation	
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?	
Traceability w.r.t. interoperability tools (e.g., align documentation format, export/import external documents, exchange data among several tools)	
Do you have any more comments?	

This content is neither created nor endorsed by Google.

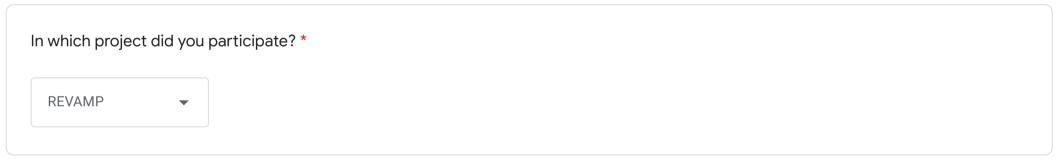
Google Forms

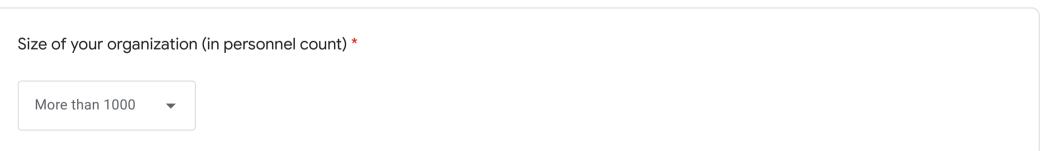
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Dom	ain of your organization *
	automotive
	airspace
	ailway
<u> </u>	elecom
O (academic
	Other:
Role	of your organization *
	Case study provider
~	echnology provider
	Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
1 to 3 years 🔻

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *						
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation						
Requirements analysis and negotiation				✓		
System modeling				✓		
Requirements specification				✓		
Requirements validation				✓		
Requirements management						

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning		~			
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration	✓		

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies				✓	
Traceability visualisation in a diagram view				✓	
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
las the proposed pproach appropriate or the given size and cope of the project?					
Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?					
Do you find the approach easy to apply?					
Would you apply a similar approach in future?					
n your opinion, what was	s the most challenging a	spect of the Modelio-	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
Linking textual requirements with UML/SysML diagrams
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Allowing to mix and match elements from metamodels of different languages and be able to define one's own metaclasses
Do you have any more comments?

This content is neither created nor endorsed by Google.

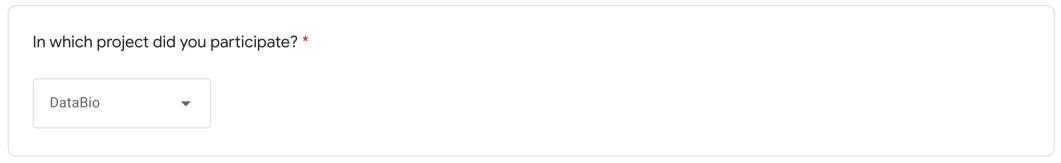
Google Forms

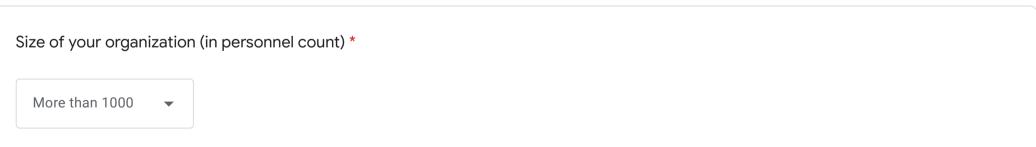
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Do	omain of your organization *
C) automotive
C) airspace
C) railway
C) telecom
C) academic
•	Other: Environment, Agriculture
Ro	ole of your organization *
~	Case study provider
	Technology provider
	Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
✓ Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
3 to 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

In your opinion, did you f	you find this graphical model-based approach useful in di			different activities of Requirements Engineering?		
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation			✓			
Requirements analysis and negotiation			~			
System modeling			\checkmark			
Requirements specification			✓			
Requirements validation			\checkmark			
Requirements management			✓			

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints			✓		
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need			✓		
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?				✓	
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?				✓	
Do you find the approach easy to apply?				✓	
similar approach in					
Would you apply a similar approach in future?				✓	

In your opinion, what is the most useful aspect of the Modelio-based approach?							
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?							
Do you have any more comments?							

This content is neither created nor endorsed by Google.

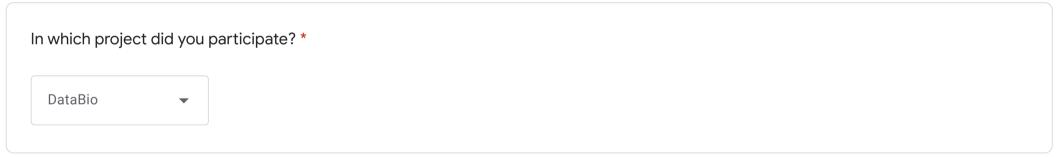
Google Forms

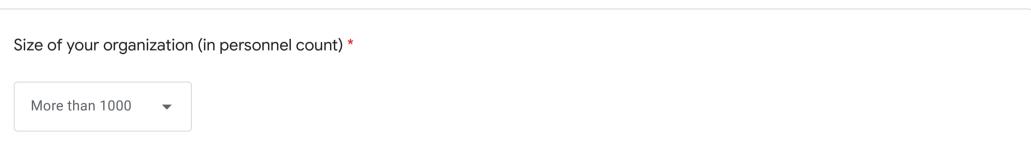
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
o railway
o academic
Other: Applied research
Role of your organization *
Case study provider
Technology provider
Other: Research partner

How much of working time does your team typically allocate on creating and maintaining RE documents? * less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * More than 10 years

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *								
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion			
Requirements inception or requirements elicitation								
Requirements analysis and negotiation								
System modeling			✓					
Requirements specification								
Requirements validation			\checkmark					
Requirements management			✓					

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning			✓		
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view					
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

Please indicate your opinion on Modelio-based RE approach. *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			✓		
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					

Tool stability and concurrency handling when many users work on the same model base. Extra challenging to have many users with very different background should start using a new tool.
In your opinion, what is the most useful aspect of the Modelio-based approach? Standardisation of the modeling approach, ease of documenting and communicating the understanding of components, APIs and solutions
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

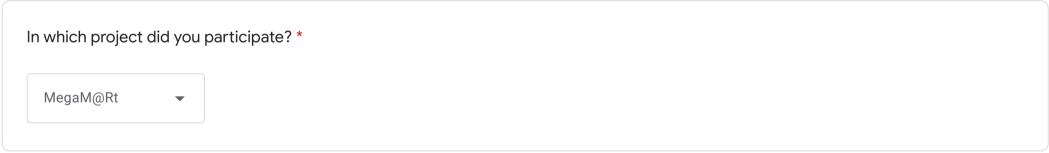
Google Forms

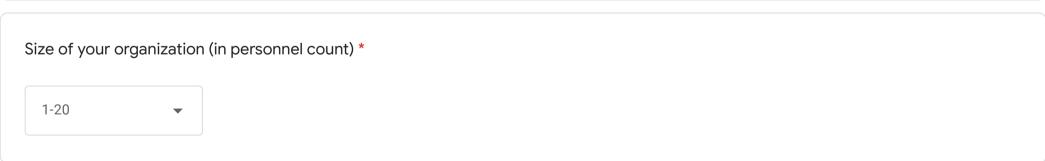
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
o railway
O telecom
academic
Other:
Role of your organization *
Case study provider
✓ Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? * 11%-25% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
less than 1 year ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *					
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation					
Requirements analysis and negotiation				✓	
System modeling			~		
Requirements specification					
Requirements validation			~		
Requirements management					

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning				✓	
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies					
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)		✓			
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?					
Do you find the apply?					
Would you apply a similar approach in future?					
n your opinion, what was			-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
clearness and posssibility to exchange information among people in a formal way

In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project? requirements for "what to monitor and how to monitor it", to include also embedded systems target with on-chip monitors

Do you have any more comments?

This content is neither created nor endorsed by Google.

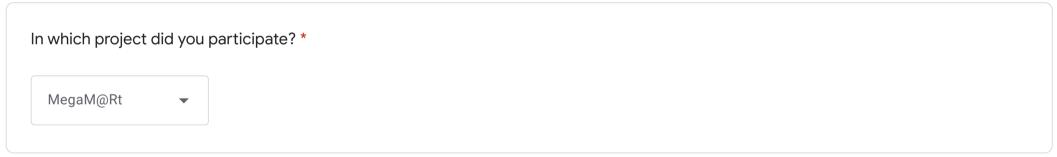
Google Forms

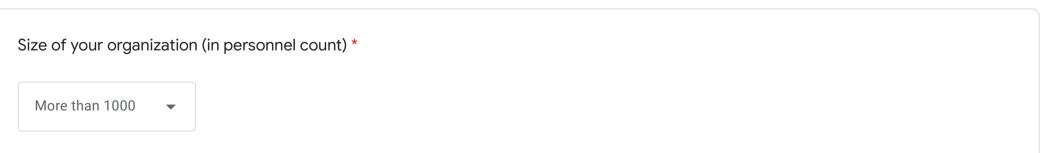
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain	n of your organization *		
auto	tomotive		
airs	space		
railv	lway		
tele	ecom		
aca	ademic		
Oth	her:		***************************************
Role of	f your organization *		
✓ Cas	se study provider		
Tec	chnology provider		
Oth	her:	 	

How much of working time does your team typically allocate on creating and maintaining RE documents? * 26%-50% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * More than 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *					
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation					
Requirements analysis and negotiation			✓		
System modeling			\checkmark		
Requirements specification			✓		
Requirements validation			\checkmark		
Requirements management			✓		

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning			✓		
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies					✓
Traceability visualisation in a diagram view					✓
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and acope of the project?					✓
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					✓
Do you find the approach easy to learn?					~
Do you find the approach easy to apply?					✓
similar approach in					~
Would you apply a similar approach in future?					

No opinion	
In your opinior	n, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
No opinion	
Do you have a	ny more comments?
Modelio was not	used

This content is neither created nor endorsed by Google.

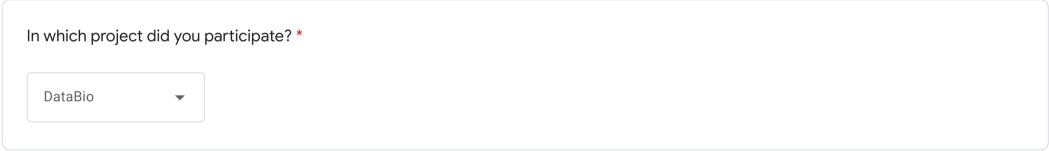
Google Forms

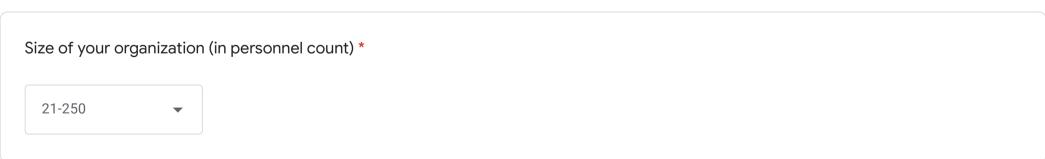
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Do	omain of your organization *
C	automotive automotive
•) airspace
C) railway
C) telecom
C) academic
C	Other:
Ro	le of your organization *
	Case study provider
	Technology provider
	Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? * less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * More than 10 years

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *	

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation			✓		
Requirements analysis and negotiation			✓		
System modeling			~		
Requirements specification			✓		
Requirements validation					~
Requirements management					

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning			✓		
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation				\checkmark	
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
as the proposed pproach appropriate or the given size and cope of the project?					
Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			~		
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					
n your opinion, what was arallel editing with multiple		spect of the Modelio	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
document generation
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

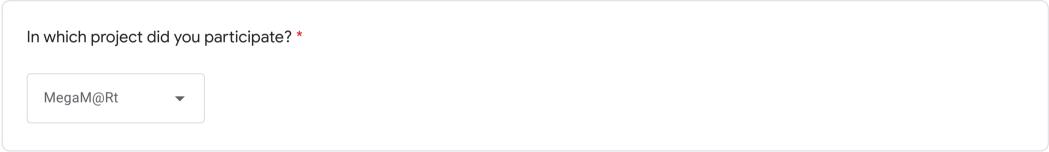
Google Forms

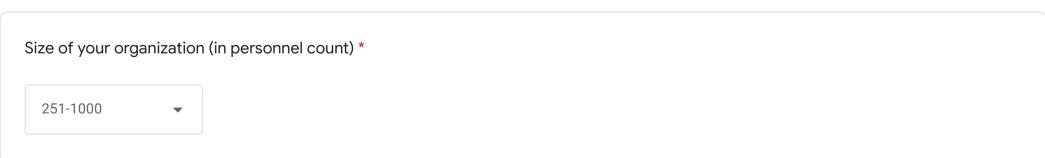
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domai	of your organization *
o au	omotive
air	space
rai	way
O tel	ecom
ac	demic
Ot	er:
Role o	your organization *
Ca	se study provider
✓ Te	chnology provider
Ot	er:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
1 to 3 years

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *						
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation						
Requirements analysis and negotiation						
System modeling						
Requirements specification						
Requirements validation			✓	П		

Requirements management

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning			✓		
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation				\checkmark	
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

		Stronly disagree	
			las the proposed pproach appropriate or the given size and cope of the project?
			Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?
	✓		Do you find the approach easy to learn?
			Do you find the approach easy to apply?
			similar approach in
			approach easy to apply? Would you apply a similar approach in future?

In your opinion, what is the most useful aspect of the Modelio-based approach?
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

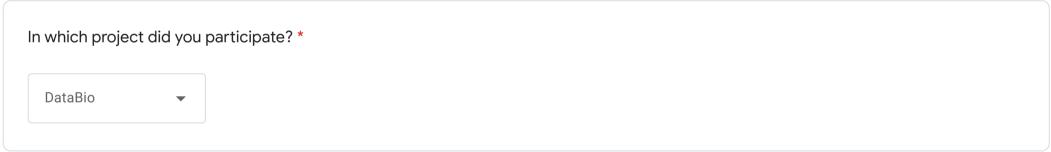
Google Forms

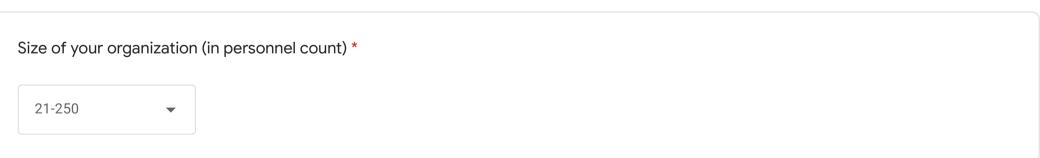
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Do	omain of your organization *	
C) automotive	
C) airspace	
C) railway	
C) telecom	
\subset) academic	
•	Other: Earth Observation	
Ro	ble of your organization *	
	Case study provider	
~	Technology provider	
	Other:	

How much of working time does your team typically allocate on creating and maintaining RE documents? * less than 10% •
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * More than 10 years

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In vour	opinion, o	did vou f	ind this	graphical r	model-base	d approach	useful in	different	activities of	of Requirem	nents Engir	neering? *
,	· · · · · · · · · · · · · ·			9. 0. 0. 1. 0 0		J. J						

Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation				
Requirements analysis and negotiation		✓		
System modeling			✓	
Requirements specification		✓		
Requirements validation	✓			
Requirements management				

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view					
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)		✓			
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and acope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?					
Do you find the approach easy to apply?					
Would you apply a similar approach in future?					
n your opinion, what was		spect of the Modelio	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
Connection between components and modules dependencies.
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
I don't know.
Do you have any more comments?

This content is neither created nor endorsed by Google.

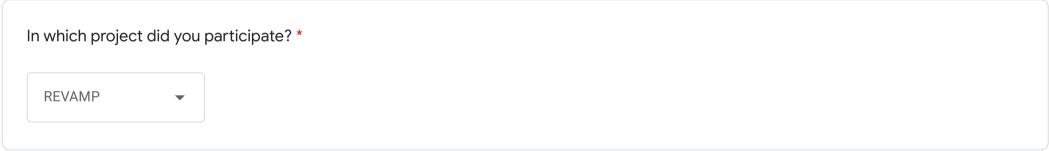
Google Forms

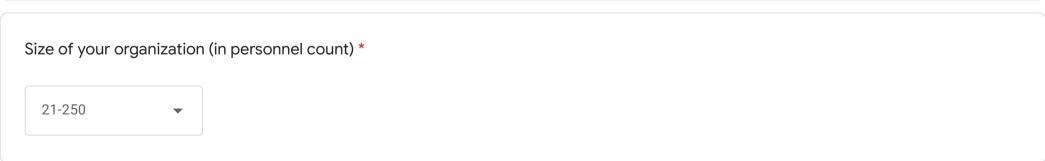
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
o railway
telecom
academic
Other:
Role of your organization *
Case study provider
✓ Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? * Ad-hoc or no predefined process for RE Project-level conventions for RE Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) * 3 to 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *	
O Not at all	
Sporadically (e.g. seldom)	
Regularly (e.g once a month, once a week)	
Other:	********

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering?) *
---	------------

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Requirements inception or requirements elicitation					
Requirements analysis and negotiation			~		
System modeling				\checkmark	
Requirements specification					
Requirements validation					✓
Requirements management					

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning		✓			
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources			✓		
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)			✓		
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)			✓		
Documentation generation			✓		
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Vas the proposed approach appropriate or the given size and accope of the project?					
Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			~		
Do you find the approach easy to apply?					
Would you apply a similar approach in future?			✓		
n your opinion, what was Seneration of documentation		•	-based approach?		

In your opinion, what is the most useful aspect of the Modelio-based approach?
Traceability between requirements and/or system components
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
A fromal, readable structure (with checking) of requirements (more than reqIF, similar to a controlled language)
Do you have any more comments?

This content is neither created nor endorsed by Google.

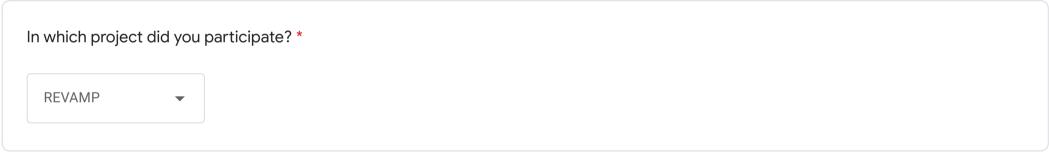
Google Forms

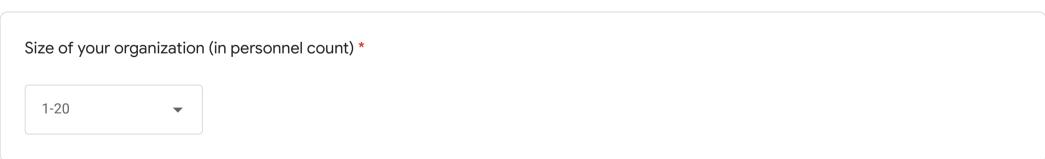
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
o railway
(telecom
academic
Other:
Role of your organization *
Case study provider
Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
less than 10% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
3 to 10 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you f	ind this graphical mode	l-based approach use	ful in different activi	ties of Requirements Engi	ineering? *	
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation						
Requirements analysis and negotiation						
System modeling						
Requirements specification			✓			
Requirements validation			✓	П		

Requirements management

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view				✓	
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation					
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

			Vas the proposed pproach appropriate or the given size and cope of the project?
			Vere the tool support or the approach useful or guiding RE process and enforcing project conventions?
		✓	Do you find the approach easy to learn?
		\checkmark	
✓			similar approach in
			Do you find the approach easy to apply? Would you apply a similar approach in future?

In your opinion, what is the most useful aspect of the Modelio-based approach?
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

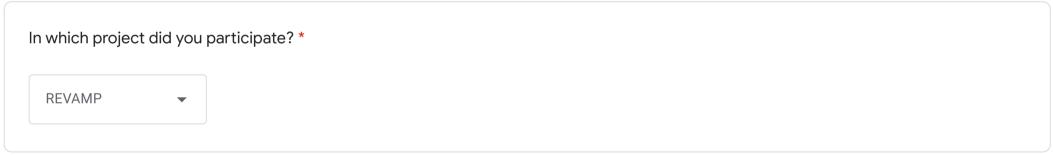
Google Forms

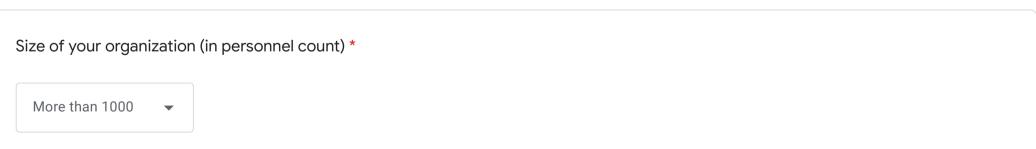
Survey on Model-based Requirements Engineering in Research Projects

Dear colleagues,

We kindly ask you to complete the following survey on the Modelio-based approach for Requirement Engineering in collaborative research projects. This survey is a part of a scientific study to assess the relevance and efficiency of the approach we applied in several collaborative projects.

The survey is anonymous and we will appreciate all your comments. We will share the results and their analysis with any interested participant. For that please manifest your interest by replying to the invitation e-mail.





Domain of your organization *
automotive
airspace
railway
academic
Other:
Role of your organization *
Case study provider
✓ Technology provider
Other:

How much of working time does your team typically allocate on creating and maintaining RE documents? *
26%-50% ▼
Do you follow any specific conventions or processes for requirements engineering (RE) in your organization? *
Ad-hoc or no predefined process for RE
Project-level conventions for RE
✓ Organization-level conventions for RE
Your personal level of experience with Requirements Engineering (RE) *
1 to 3 years ▼

How often are you involved in architecture modelling, e.g. in UML, BPMN or ArchiMate? *
O Not at all
Sporadically (e.g. seldom)
Regularly (e.g once a month, once a week)
Other:

Experience in the Project

In your opinion, did you find this graphical model-based approach useful in different activities of Requirements Engineering? *						
	Stronly disagree	Disagree	Agree	Strongly agree	No opinion	
Requirements inception or requirements elicitation						
Requirements analysis and negotiation						
System modeling				✓		
Requirements specification			✓			
Requirements validation			✓			
Requirements						

management

In your opinion, do you see the modeling approach as an improvement compared to other non-modelling (e.g. text-only or table-based) regarding the following aspects: *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Correctness – accurately states a customer or external need					
Clearness – has only one possible meaning					
Feasibility – can be implemented within known constraints					
Modifiability – can be easily changed, with history, when necessary					
Necessity – documents something customers really need					
Prioritization – requirements ranked as to importance of inclusion in product					
Traceability – can be linked to system					

requirements, designs, code, and tests			
Verifiability – correct implementation can be determined by testing, inspection, analysis, or demonstration			

In your opinion, did you find the following Modelio tool features useful in different Requirements Engineering activities?*

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Initiating the RE model from textual and table sources					
Changing/adding dependencies			✓		
Traceability visualisation in a diagram view			✓		
Gap Analysis (e.g. visualisation of omissions in mapping requirements to architectural components)					
Roadmapping (e.g. setting up expected delivery dates and completion stage for designed components)					
Documentation generation			~		
Traceability matrix generation (e.g. matrix tables for case					

studies/pilots requirements versus framework features)

Reflections

Please indicate your opinion on Modelio-based RE approach. *

	Stronly disagree	Disagree	Agree	Strongly agree	No opinion
Was the proposed approach appropriate for the given size and scope of the project?					
Were the tool support for the approach useful for guiding RE process and enforcing project conventions?					
Do you find the approach easy to learn?			✓		
Do you find the approach easy to apply?			✓		
Would you apply a similar approach in future?					

Collaborative work was for me the trickiest thing. Updates by different partners would often lead to inconsistencies, and often that would be detected when the documentation was generated. In scenarios when my organization was leading the work on the deliverable, there was need for a significant amount of work outside of Modelio.
In your opinion, what is the most useful aspect of the Modelio-based approach?
The fact that all these different types of models exist in the same environment and that working with them simultaneously was quite easy.
In your opinion, which additional Modelio tool features would have been useful for the Requirements Engineering in the project?
Do you have any more comments?

This content is neither created nor endorsed by Google.

Google Forms