



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Facultat d'Informàtica de Barcelona



Manual

GESSI-SLR 1.1.0



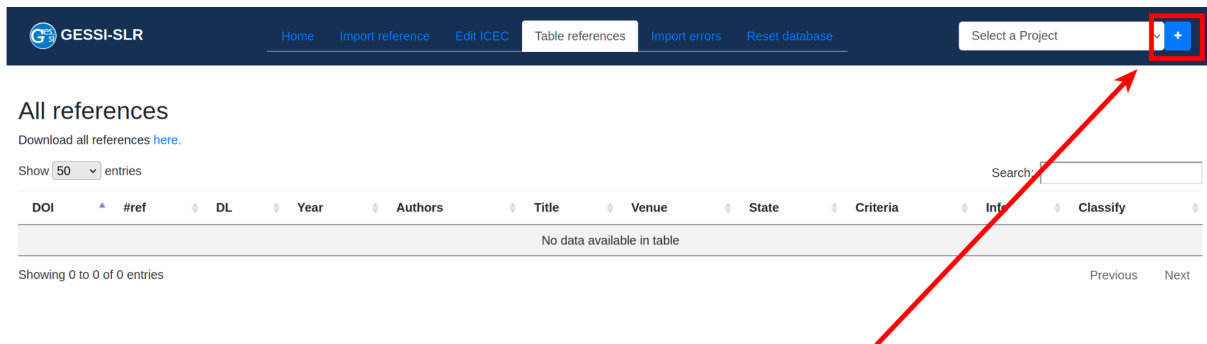
Index

Project	2
Create Project	2
Select Project	3
Delete Project	3
Reference	5
Import Reference	5
Classify Reference	6
Check Reference	8
Download References	9
Criteria	10
Create Criteria	10
Edit Criteria	11
Delete Criteria	12
Reset Database	13

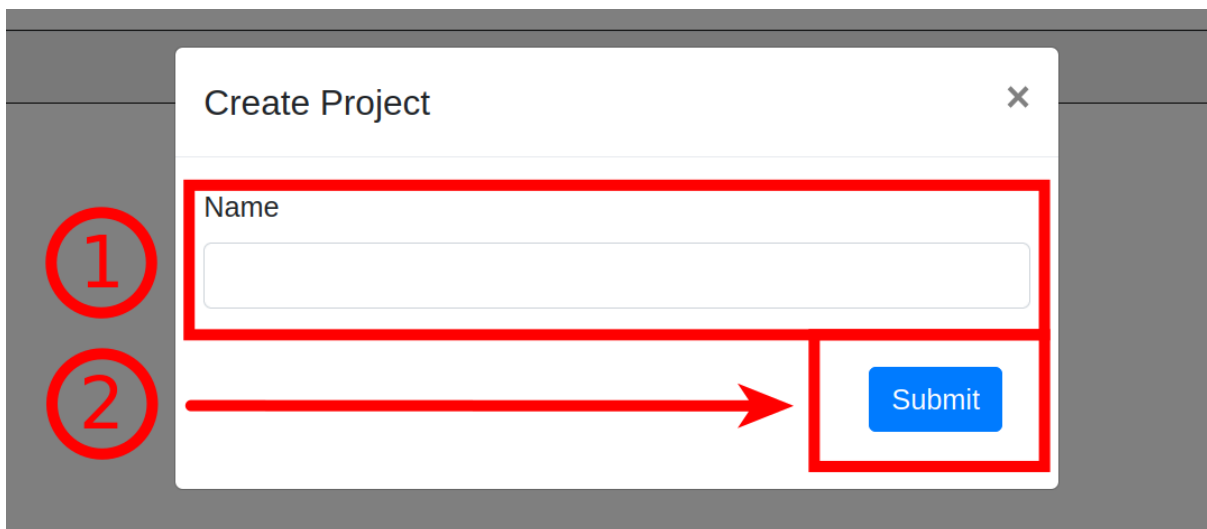
1. Project

1.1. Create Project

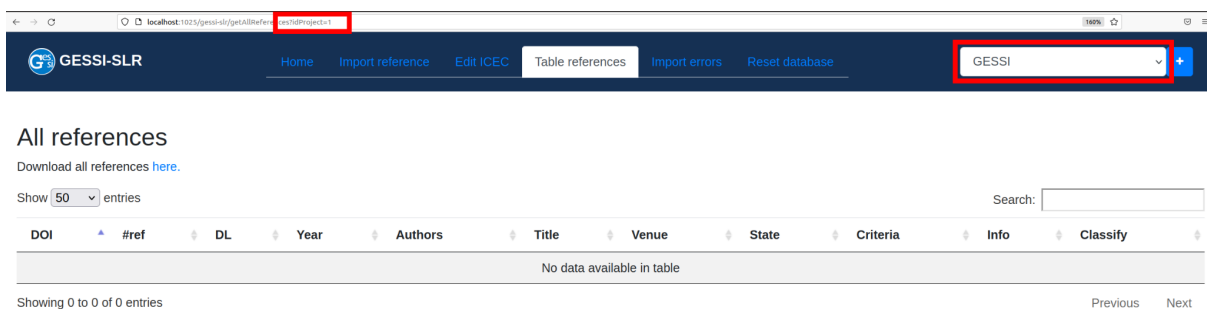
You can go to any of the pages, except the Home one, where you will be able to create Projects through the blue button with a “+” in the upper right corner.



When you press the button a form like these will be displayed, then first you will have to fulfill the name of the project you want to create and press the submit button to create it. **Caution:** You can not repeat the name of a project.

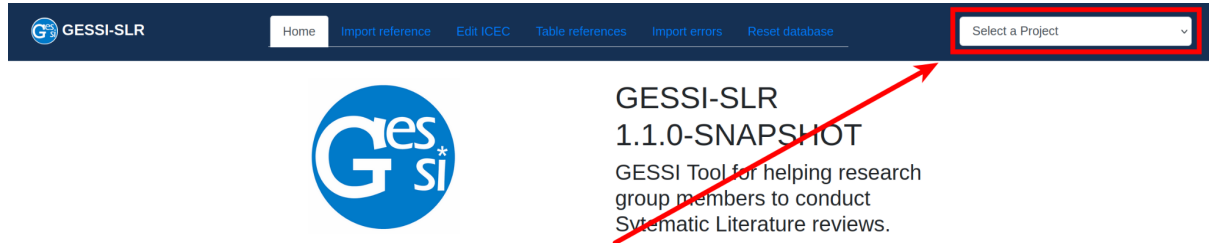


If the project was successfully created the page will reload with the project you have created.



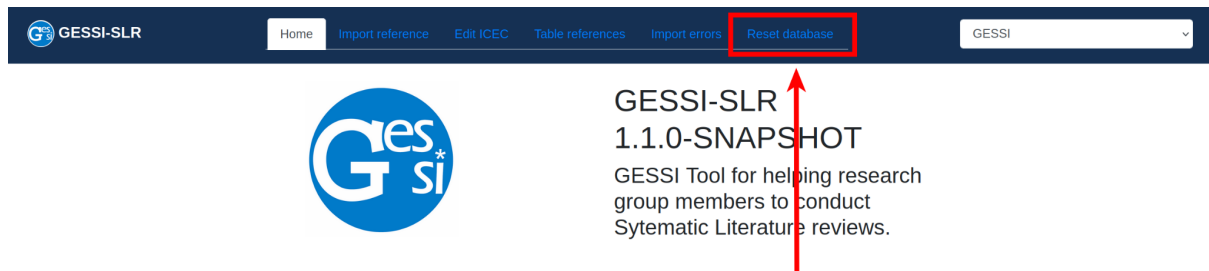
1.2. Select Project

You can go to any of the pages where you will be able to select Projects through the drop down menu in the upper right corner, you will have to select one of the projects that appears.

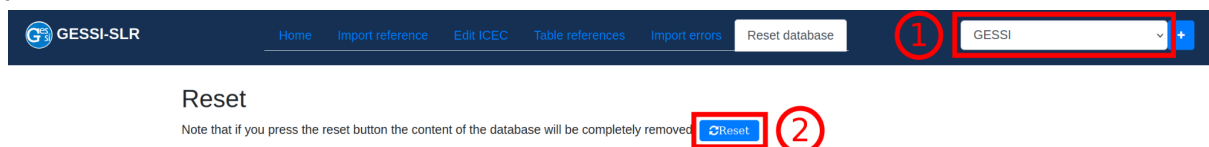


1.3. Delete Project

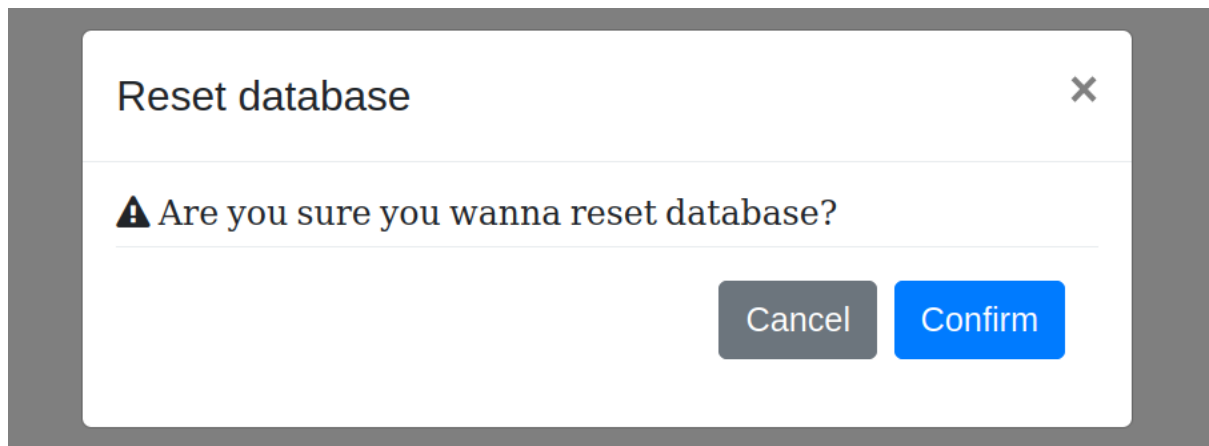
First you have to go to the Reset database page.



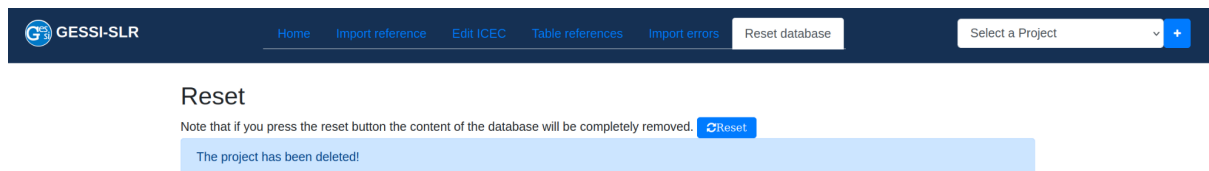
Then you have to ensure that you have selected the project you want to delete and press the button Reset.



The following dialog will be displayed and you have to press the confirm button.



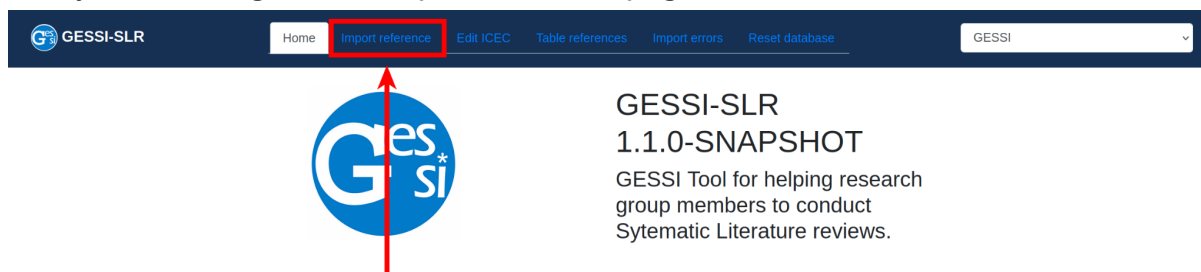
After these: projects, all the references and the criterias of the project will be deleted, and the following message will appear.



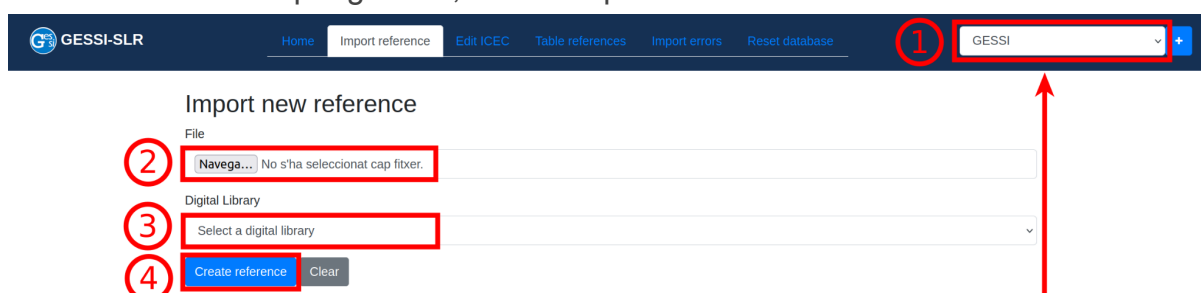
2. Reference

2.1. Import Reference

First you have to go to the Import reference page.



Here you have to select the project where you want to import the references, then select the .bib you want to import and the Digital Library where you got the file, you can choose between 6 options, Scopus, Web of science, IEEE Xplorer, ACM DL, ScienceDirect and SpringerLink; and then press the button create reference.



After pressing the button a message like this or an error will appear.

Import new reference

File

Navega... No s'ha seleccionat cap fitxer.

Digital Library

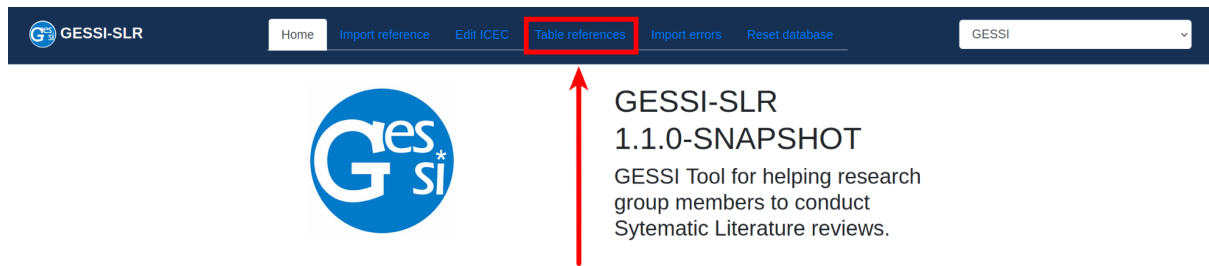
Select a digital library

Create reference Clear

Imported file name: wos.bib
Number of references imported: 36
Digital library of imported file: 2. Web of Science
Import process successfully.

2.2. Classify Reference

First you have to go to the Table references page.



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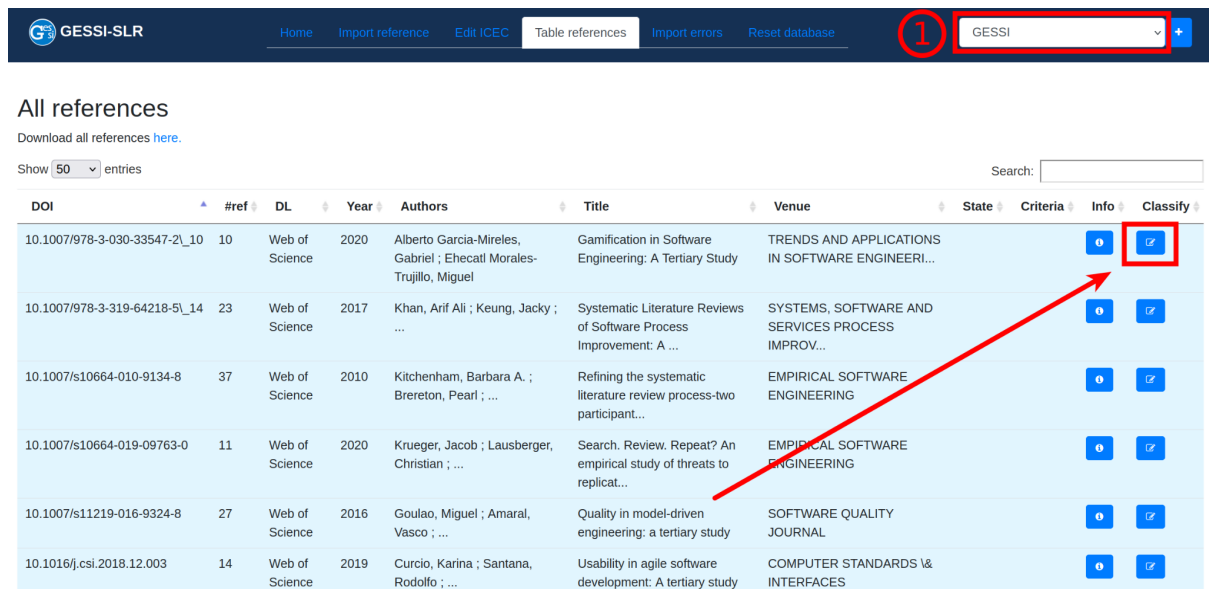
Home Import reference Edit ICEC **Table references** Import errors Reset database

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GESI Tool for helping research group members to conduct Sytematic Literature reviews.

Then you have to select the project you want to edit the references and the page will be reloaded with all the references, after you have to press the button on the Classify column of the reference you want to edit.



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Home Import reference Edit ICEC **Table references** Import errors Reset database

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All references

Download all references [here](#).

Show 50 entries

Search:

DOI	#ref	DL	Year	Authors	Title	Venue	State	Criteria	Info	Classify
10.1007/978-3-030-33547-2_10	10	Web of Science	2020	Alberto Garcia-Mireles, Gabriel ; Ehecatl Morales-Trujillo, Miguel	Gamification in Software Engineering: A Tertiary Study	TRENDS AND APPLICATIONS IN SOFTWARE ENGINEERI...				
10.1007/978-3-319-64218-5_14	23	Web of Science	2017	Khan, Arif Ali ; Keung, Jacky ; ...	Systematic Literature Reviews of Software Process Improvement: A ...	SYSTEMS, SOFTWARE AND SERVICES PROCESS IMPROV...				
10.1007/s10664-010-9134-8	37	Web of Science	2010	Kitchenham, Barbara A. ; Brereton, Pearl ; ...	Refining the systematic literature review process-two participant...	EMPIRICAL SOFTWARE ENGINEERING				
10.1007/s10664-019-09763-0	11	Web of Science	2020	Krueger, Jacob ; Lausberger, Christian ; ...	Search. Review. Repeat? An empirical study of threats to replicat...	EMPIRICAL SOFTWARE ENGINEERING				
10.1007/s11219-016-9324-8	27	Web of Science	2016	Goulao, Miguel ; Amaral, Vasco ; ...	Quality in model-driven engineering: a tertiary study	SOFTWARE QUALITY JOURNAL				
10.1016/j.csi.2018.12.003	14	Web of Science	2019	Curcio, Karina ; Santana, Rodolfo ; ...	Usability in agile software development: A tertiary study	COMPUTER STANDARDS & INTERFACES				

A form will appear, First you have to choose the new State of the reference, In, Out or None, and if you selected Out you have to select the Application criteria, you can choose more than one option with ctrl + click. When all the information is correct you can press the update reference, and the reference will be updated.

The image shows a 'Classify' dialog box overlaid on a table. The dialog box has a title bar with a close button (X). It contains two main sections: 'State' and 'Application criteria'. The 'State' section has a dropdown menu with the text 'Select a type' and a downward arrow. The 'Application criteria' section has a list box containing 'EC1'. At the bottom right of the dialog box is a blue button labeled 'Update reference'. Three red circles with numbers 1, 2, and 3 are overlaid on the dialog box. Circle 1 is around the 'State' dropdown menu. Circle 2 is around the 'Application criteria' list box. Circle 3 is around the 'Update reference' button. The background table has columns 'Year' and 'Au' (likely 'Author'). Visible rows include: 2020, Alber Cab Trj; 2017, Kha; 2010, Kich Bre; 2020, Krue Chri.

Year	Au
2020	Alber Cab Trj
2017	Kha
2010	Kich Bre
2020	Krue Chri

Classify

State

Select a type

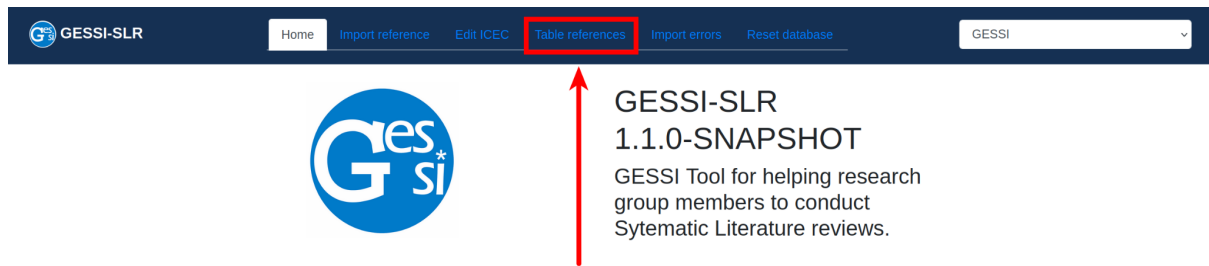
Application criteria

EC1

Update reference

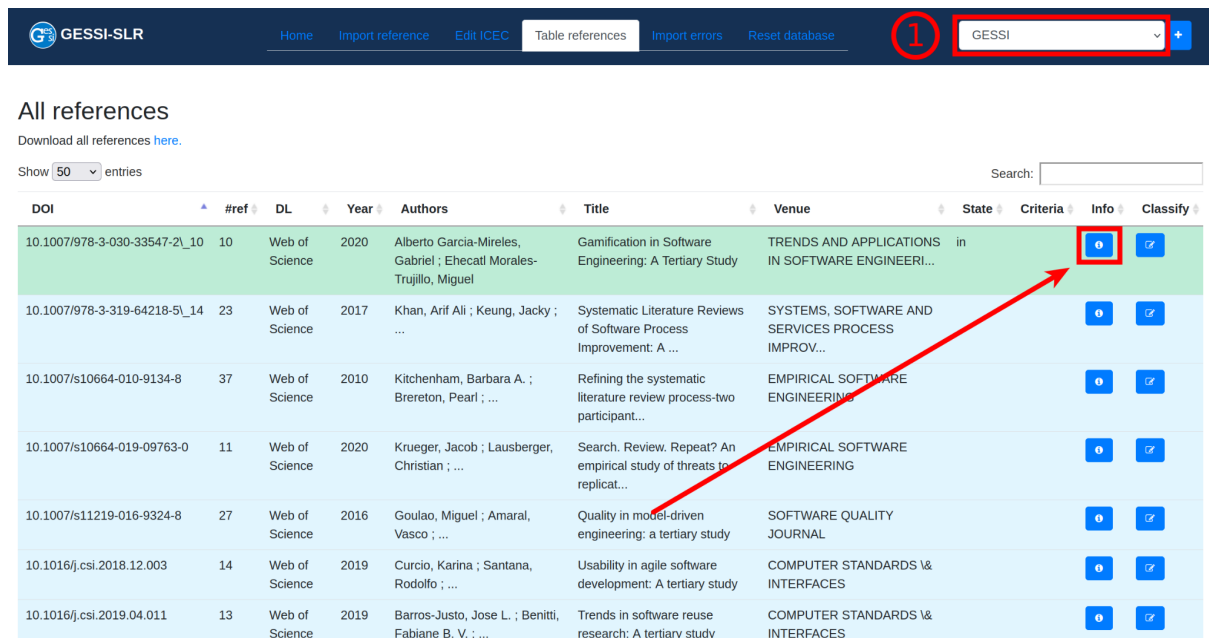
2.3. Check Reference

First you have to go to the Import reference page.



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Then you have to select the project you want to edit the references and the page will be reloaded with all the references, after you have to press the button on the info column of the reference you want to check.



All references
Download all references [here](#).
Show 50 entries

DOI	#ref	DL	Year	Authors	Title	Venue	State	Criteria	Info	Classify
10.1007/978-3-030-33547-2_10	10	Web of Science	2020	Alberto Garcia-Mireles, Gabriel ; Ehecatl Morales-Trujillo, Miguel	Gamification in Software Engineering: A Tertiary Study	TRENDS AND APPLICATIONS IN SOFTWARE ENGINEERING	in			
10.1007/978-3-319-64218-5_14	23	Web of Science	2017	Khan, Arif Ali ; Keung, Jacky ; ...	Systematic Literature Reviews of Software Process Improvement: A ...	SYSTEMS, SOFTWARE AND SERVICES PROCESS IMPROV...				
10.1007/s10664-010-9134-8	37	Web of Science	2010	Kitchenham, Barbara A. ; Brereton, Pearl ; ...	Refining the systematic literature review process-two participant...	EMPIRICAL SOFTWARE ENGINEERING				
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10.1007/s11219-016-9324-8	27	Web of Science	2016	Goulao, Miguel ; Amaral, Vasco ; ...	Quality in model-driven engineering: a tertiary study	SOFTWARE QUALITY JOURNAL				
10.1016/j.csi.2018.12.003	14	Web of Science	2019	Curcio, Karina ; Santana, Rodolfo ; ...	Usability in agile software development: A tertiary study	COMPUTER STANDARDS & INTERFACES				
10.1016/j.csi.2019.04.011	13	Web of Science	2019	Barros-Justo, Jose L. ; Benitti, Fabiane B. V. ; ...	Trends in software reuse research: A tertiary study	COMPUTER STANDARDS & INTERFACES				

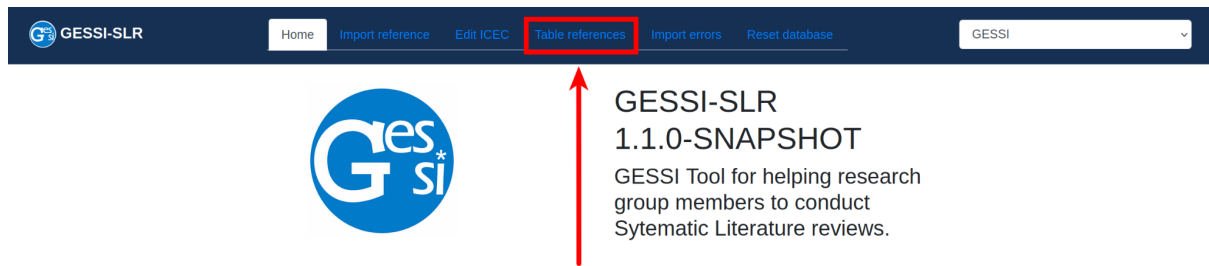
Then a new page will open like the one you can see in the picture.

One reference

#ref	10
DL-name	Web of Science
Year	2020
DOI	10.1007/978-3-030-33547-2_10
State	in
Criteria	
Authors	Alberto Garcia-Mireles, Gabriel ; Ehecatl Morales-Trujillo, Miguel
Title	Gamification in Software Engineering: A Tertiary Study
Venue	TRENDS AND APPLICATIONS IN SOFTWARE ENGINEERING
Type	proceedings
Affiliations	
Volume	1071
Pages	116-128
Number	
Numpages	0
Keywords	
Cite key	ISI:000578330000010
Abstract	Gamification is a research area that influences the extent to which software organizations work and educational practices can be improved in software engineering (SE). Given that several systematic reviews on gamification in SE have been published, this paper aims at understanding how gamification has been addressed, simultaneously identifying its impact on SE. As a result of this systematic mapping, we identified 12 secondary studies. The majority of papers reported the usage of points, badges, and leaderboards as game elements in software engineering process, software engineering methods and tools, and software engineering management. Although secondary studies reported a positive impact of gamification, more empirical research is required. In a nutshell, current research focuses on the feasibility of using gamification in different SE areas; however, there is a need for research of application context and for defining variables under study to carry out more sound empirical research.

2.4. Download References

First you have to go to the Import reference page.



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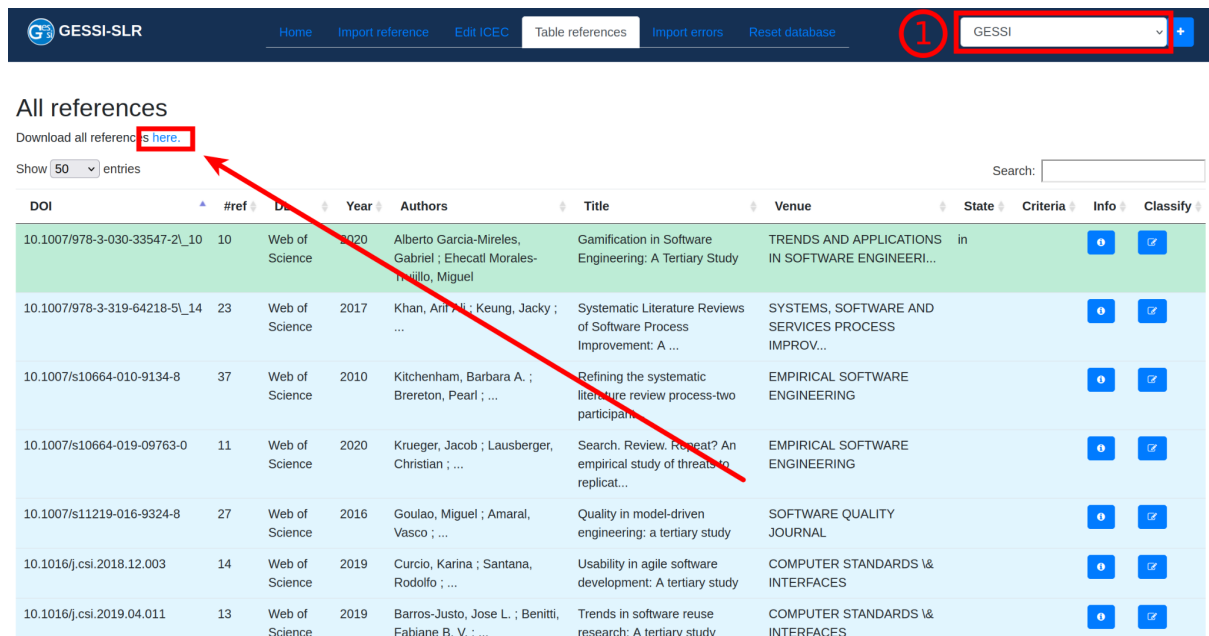
Home Import reference Edit ICEC **Table references** Import errors Reset database

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1.1.0-SNAPSHOT
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Then you have to select the project you want to download the references and the page will be reloaded, after you have to press the link under the title All references. You will see an excel has been downloaded.



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Home Import reference Edit ICEC Table references Import errors Reset database

1 GESSI

All references

Download all references **here**

Show 50 entries

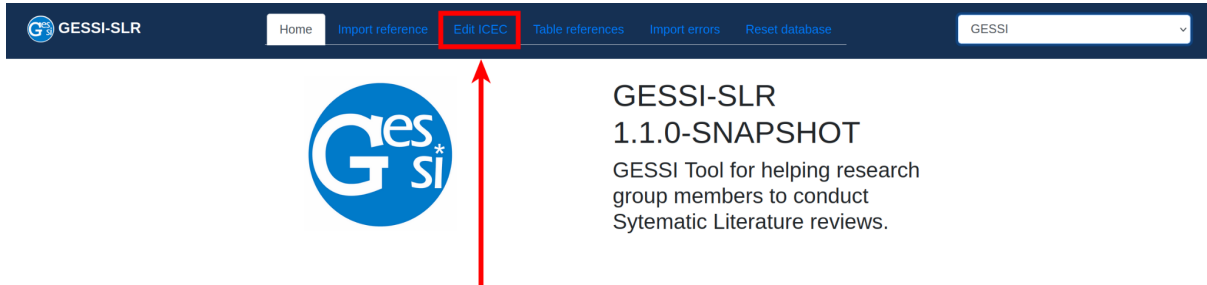
Search:

DOI	#ref	Dis	Year	Authors	Title	Venue	State	Criteria	Info	Classify
10.1007/978-3-030-33547-2_10	10	Web of Science	2020	Alberto Garcia-Mireles, Gabriel ; Ehecatl Morales-Mojillo, Miguel	Gamification in Software Engineering: A Tertiary Study	TRENDS AND APPLICATIONS in SOFTWARE ENGINEERING				
10.1007/978-3-319-64218-5_14	23	Web of Science	2017	Khan, Arif ; Keung, Jacky ; ...	Systematic Literature Reviews of Software Process Improvement: A ...	SYSTEMS, SOFTWARE AND SERVICES PROCESS IMPROV...				
10.1007/s10664-010-9134-8	37	Web of Science	2010	Kitchenham, Barbara A. ; Brereton, Pearl ; ...	Refining the systematic literature review process-two participants	EMPIRICAL SOFTWARE ENGINEERING				
10.1007/s10664-019-09763-0	11	Web of Science	2020	Krueger, Jacob ; Lausberger, Christian ; ...	Search. Review. Repeat? An empirical study of threats to replicat...	EMPIRICAL SOFTWARE ENGINEERING				
10.1007/s11219-016-9324-8	27	Web of Science	2016	Goulao, Miguel ; Amaral, Vasco ; ...	Quality in model-driven engineering: a tertiary study	SOFTWARE QUALITY JOURNAL				
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3. Criteria

3.1. Create Criteria

First you have to go to the Criteria page.



Then you have to select the project you want to add a new Criteria and the page will be reloaded, in all the projects you will see the EC1 Duplicate publication that is added by default in all the projects to mark .

You will see a form on the left side, there you have to enter the name, a description and select the type of the Criteria, you can choose between Inclusion (IC) and Exclusion (EC) and then press the button create criteria.

If it works the new Criteria will appear instead a message will appear at the bottom of the form.

Criteria

Criteria name

Enter identifier ICEC

Description

Enter description

Type

Select a type

Clear

Create criteria

INCLUSION CRITERIA

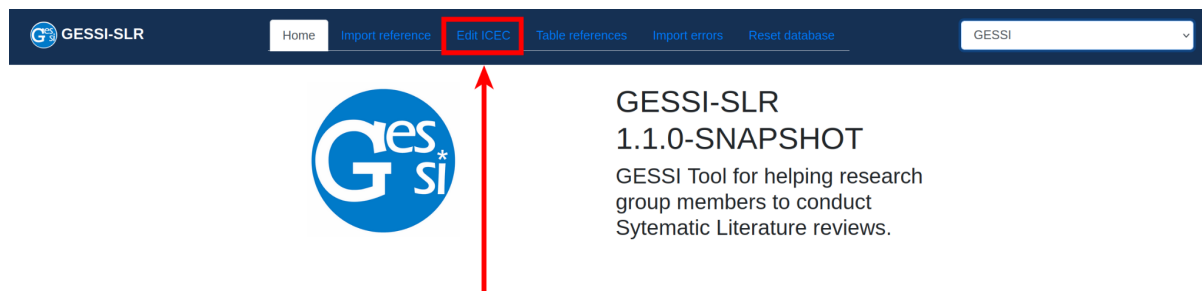
Name	Description	Edit	Delete
No Records found of Criteria. Add some...!			

EXCLUSION CRITERIA

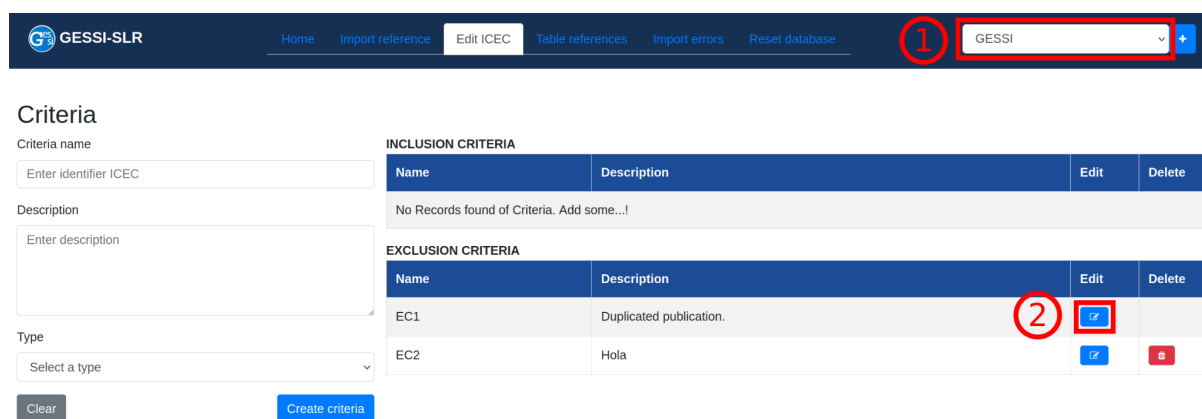
Name	Description	Edit	Delete
EC1	Duplicated publication.		

3.2. Edit Criteria

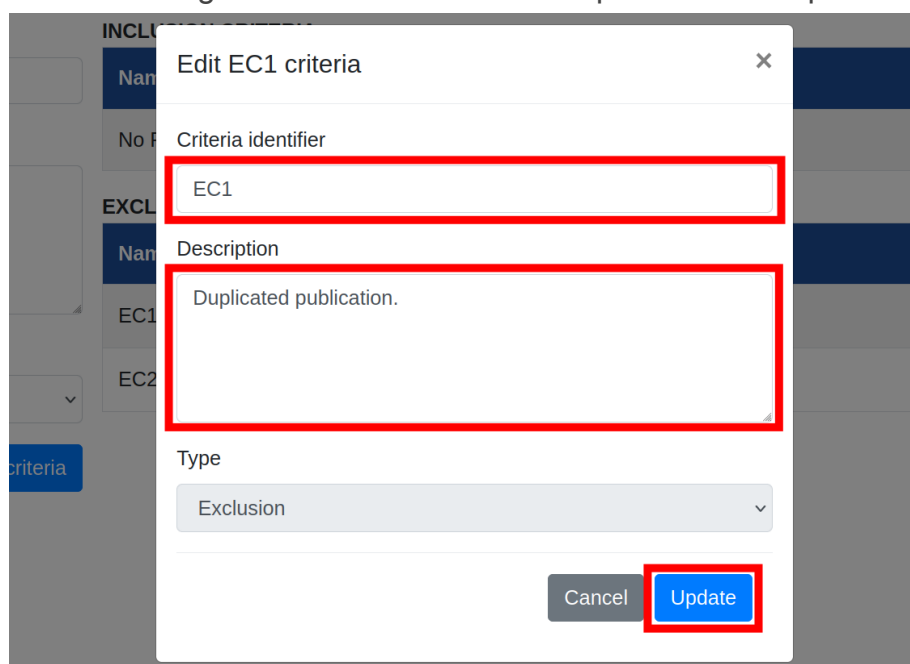
First you have to go to the Criteria page.



Then you have to select the project you want to add a new Criteria and the page will be reloaded, after press the button on the Edit column of the Criteria you want to edit.

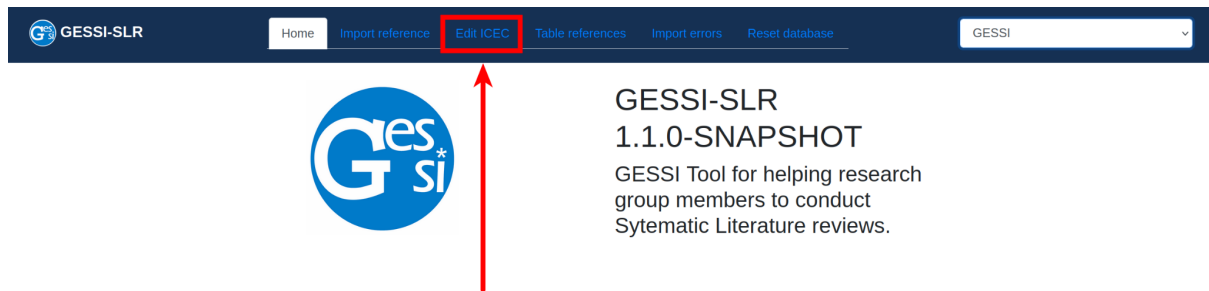


You can change the Name and the Description and then press the update button.

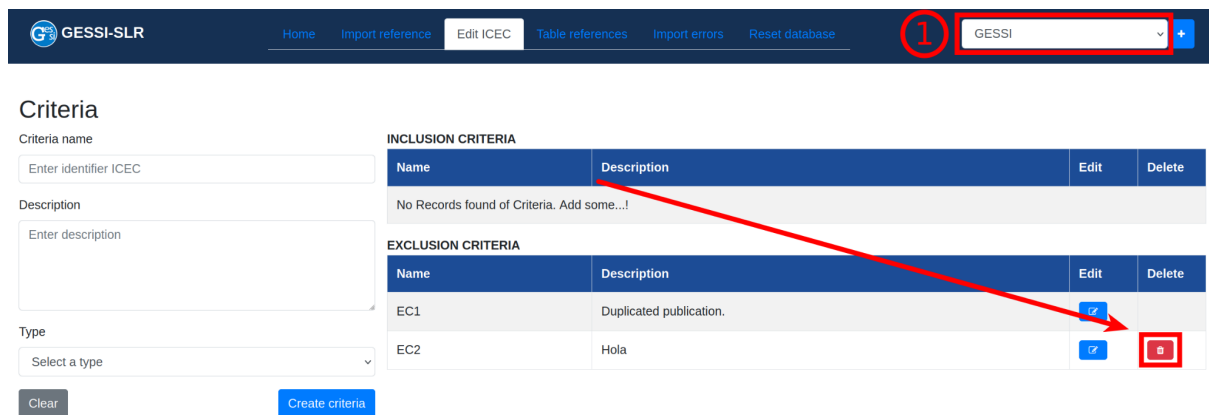


3.3. Delete Criteria

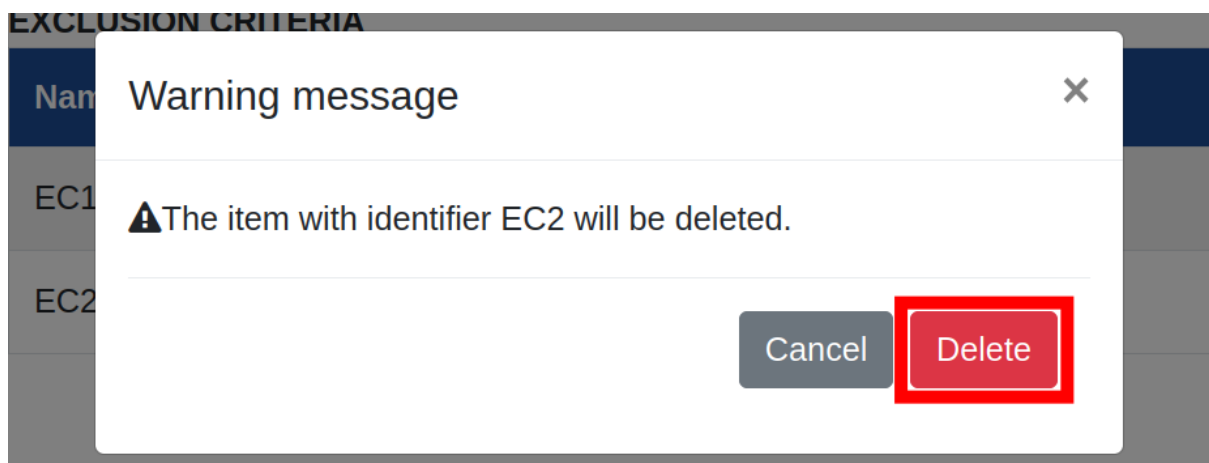
First you have to go to the Criteria page.



Then you have to select the project you want to add a new Criteria and the page will be reloaded, after press the button on the Delete column of the Criteria you want to delete.

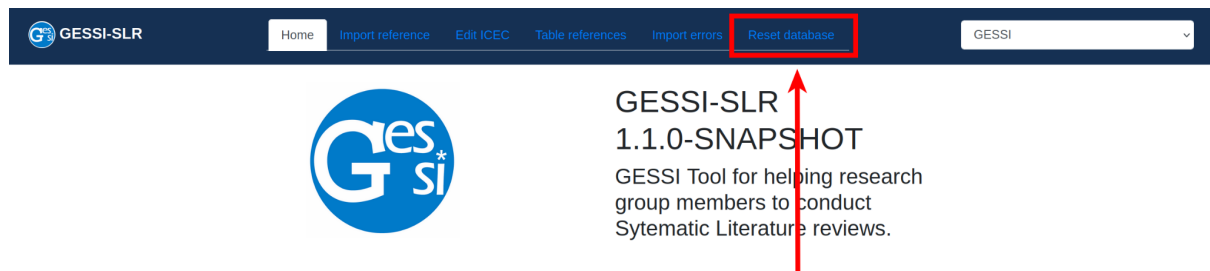


the following dialog will be displayed, you just have to press the Delete button and the criteria will be deleted.

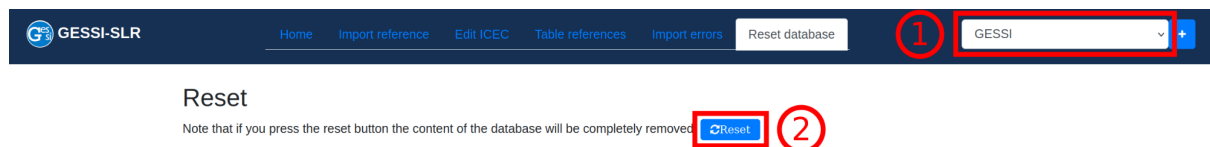


4. Reset Database

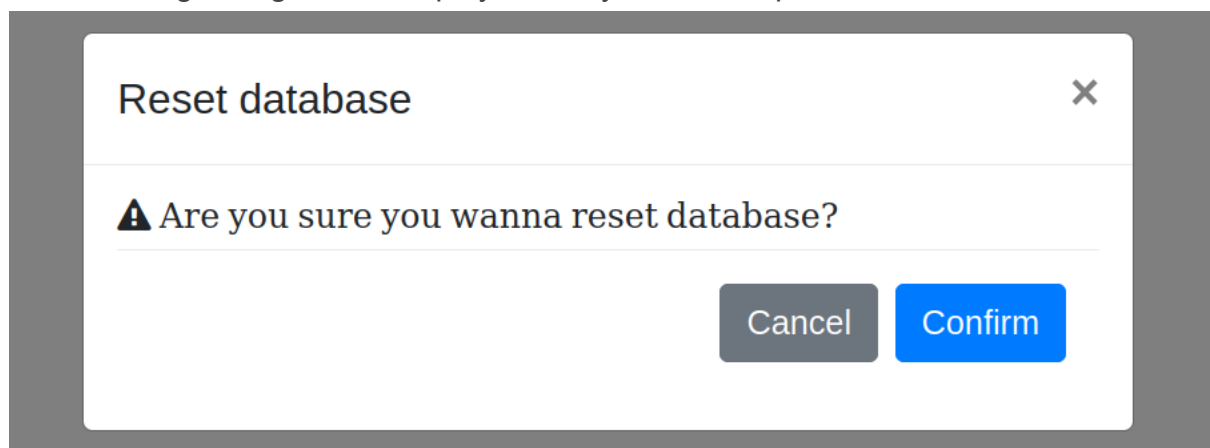
First you have to go to the Reset database page.



Then you have to ensure that you have not selected any project and press the button Reset.



The following dialog will be displayed and you have to press the confirm button.



After these: all the database will be reseted, and the following message will appear.

