

Team20 User Manual

April 17, 2017

Contents

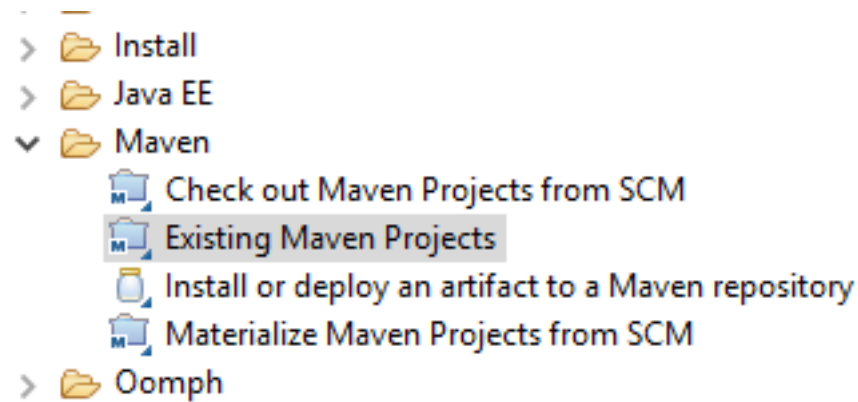
1	How to run	2
1.1	In Eclipse	2
1.2	In Command Line	2
2	What you can do	4
2.1	Search for suitable candidates	4
2.2	View an author's profile	5
2.3	Create and maintain your candidate list	6
2.4	Compare your candidates (with the help of data visualization)	6

1 How to run

1.1 In Eclipse

To run our system in Eclipse, you first need to clone or download the master branch in our repository onto your computer.

Once you have the master branch on your computer, open Eclipse. Select Import under the file menu.



In the pop-up window, select Maven-Existing Maven. Find the directory "Team20MSD" under "phase4" folder and import it.


After the project is imported, you need to set the tests folder as a resource folder. And then you need to add an access rule to the project, allowing the use of the javafx library.

1.2 In Command Line

To run our system using command line, you first need to clone or download the master branch in our repository onto your computer.

Now open your command line prompt (or terminal), and navigate to the "Team20MSD" folder under "phase4" folder. Run the following command in your prompt:

```
java -jar
```



dblp
computer science bibliography

Search Criteria

Keyword in Title

Conference/Journals

Publication Year

Publication Number >=


☐ AND

Serve Within

My Favourite Author

Search

Clear



SCIENCE

View Author Profile

Compare Candidates

Author Name	Publication Title
No content in table	

Figure 1: The main page

2 What you can do

2.1 Search for suitable candidates

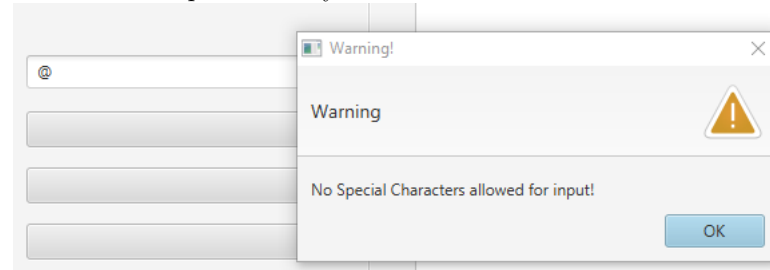
On the main page, there are five search criteria which you can specify.



The image shows a 'Search Criteria' form with the following fields and controls:

- Keyword in Title:** A text input field.
- Conference/Journals:** A dropdown menu.
- Publication Year:** A dropdown menu.
- Publication Number >=:** A dropdown menu.
- AND:** A checkbox followed by the text 'AND' in red.
- Serve Within:** A dropdown menu.
- Buttons:** At the bottom, there are three buttons: 'My Favourite Author' (green), 'Search' (green), and 'Clear' (red).

Set up your search query. Note that special characters (except space) are not allowed as part of a keyword.



After that, click on the search button. The results will be shown in the table.

<div> View Author Profile Compare Candidates </div>		
Author Name	Publication Title	Published Year
Alberto Belussi	Snap Rounding with Restore: An Algorithm for Producing Ro...	1979
Alexander Wolff	Matching Labels and Markers in Historical Maps: An Algorith...	1990
Alexandros Efe...	Efficient Processing of Relevant Nearest-Neighbor Queries.	2008
Alex Beutel	TerraNNI: Natural Neighbor Interpolation on 2D and 3D Grid...	1987
Anastasios Kyril...	Location Estimation Using Crowdsourced Spatial Relations.	2002
Andreas Gerns	Multirow Boundary-Labeling Algorithms for Panorama Images.	1980
André van Ren...	Area-Preserving Simplification and Schematization of Polygo...	1981
Benedikt Budig	Matching Labels and Markers in Historical Maps: An Algorith...	1990
Berkay Aydin	Mining At Most Top-K&percent; Spatiotemporal Co-occurren...	2001
Bettina Speckm...	Area-Preserving Simplification and Schematization of Polygo...	1981
Brittany Terese ...	A Path-Based Distance for Street Map Comparison.	2004
Carola Wenk	A Path-Based Distance for Street Map Comparison.	2004
C.-C. Jay Kuo	Personalized Group Recommender Systems for Location- an...	1996
Chang-Tien Lu	Online Spatial Event Forecasting in Microblogs.	1986
Chaulio R. Ferr...	An Efficient External Memory Algorithm for Terrain Viewshed...	2011
Christodoulos ...	Efficient Processing of Relevant Nearest-Neighbor Queries.	2008
Claudio Silvestri	Protecting Against Velocity-Based, Proximity-Based, and Exte...	2012
Cyrus Shahabi	A Server-Assigned Spatial Crowdsourcing Framework.	1999
Dai Hai Ton That	TRIFL: A Generic Trajectory Index for Flash Storage.	1997

2.2 View an author's profile

Now you can view an author's profile. Select an author and click on the view author profile button. The window that pops up displays his/her profile.

You can find the authors with similar profile to the author by clicking on the find similar author button.

