

Merging algorithms for MetaSearch

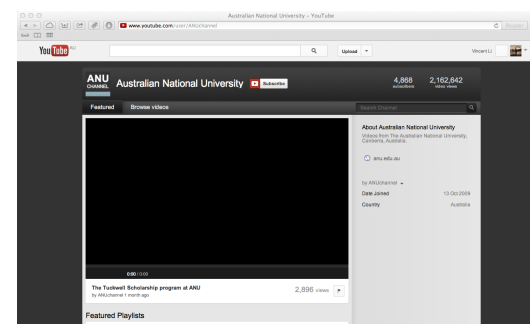
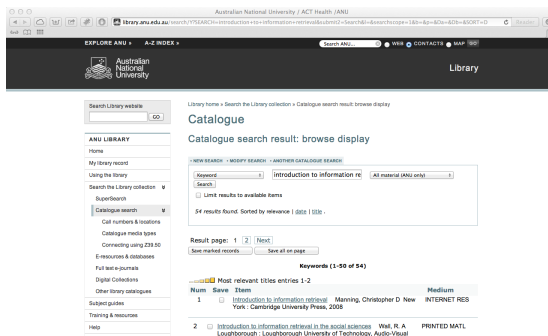
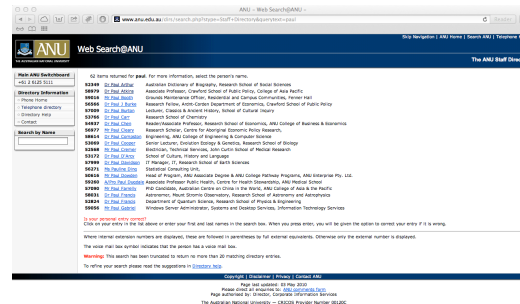
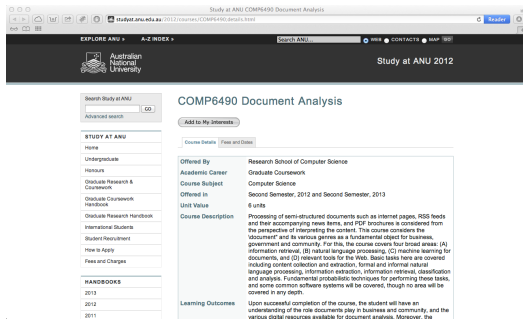
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Problem

🍋 Search information about Paul Thmoas



And More....

Solution

Google

The screenshot shows a Google search results page for the query 'paul thomas'. The search bar at the top contains 'paul thomas' and a magnifying glass icon. Below the search bar, there are tabs for 'Web', 'Images', 'Maps', 'Shopping', and 'More'. The 'Web' tab is selected. The search results show approximately 731,000,000 results in 0.29 seconds. The first result is 'Paul Thomas - CSIRO ICT Centre' with a link to 'www.ict.csiro.au'. The second result is 'Paul Thomas - IMDb' with a link to 'www.imdb.com/name/nm0000759/'. The third result is 'Paul Thomas Anderson - IMDb' with a link to 'www.imdb.com/name/nm0000759/'. The fourth result is 'Paul Thomas - Wikipedia, the free encyclopedia' with a link to 'en.wikipedia.org/wiki/Paul_Thomas'. The fifth result is 'Paul Thomas Flowers London florist Mayfair' with a link to 'www.paulthomasflowers.co.uk/'.

See results about

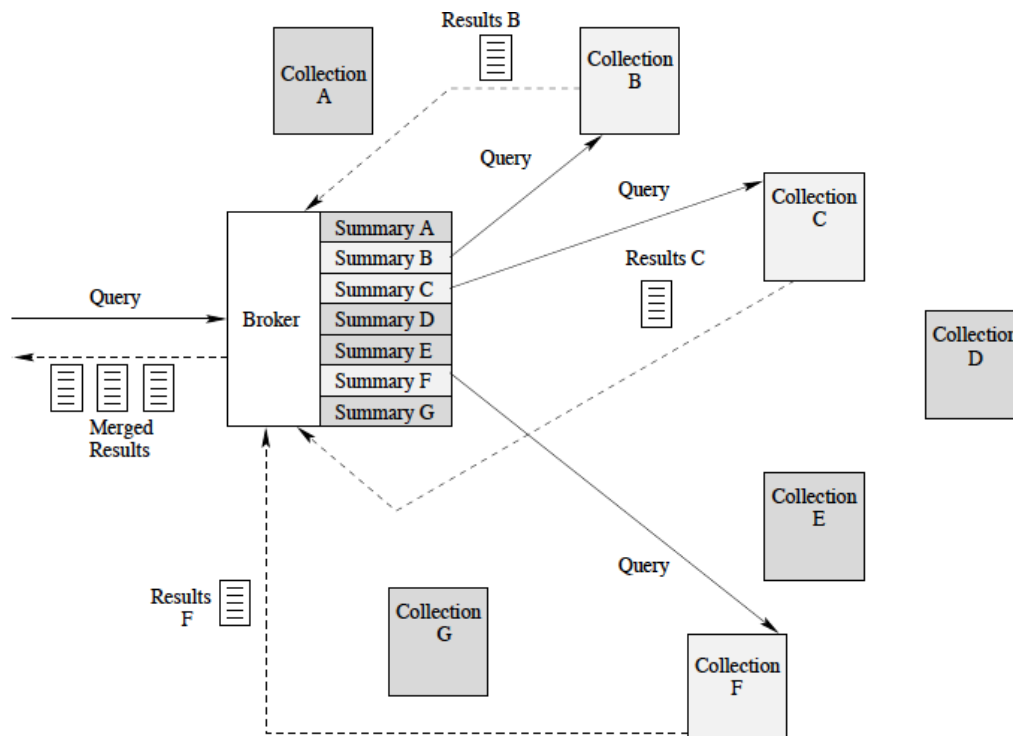
- Paul Thomas**
Pomographic actor
Philip Toudos, better known as Paul Thomas, is an American pomographic actor and director. He is a ...
- Paul Thomas Anderson**
Film Director
Paul Thomas Anderson is an American film director, screenwriter, and producer. He has written and ...

MetaSearch

The screenshot shows a MetaSearch interface with a search bar containing 'Paul Thomas' and a 'SEARCH' button. Below the search bar, there are several search results displayed as horizontal bars. The first result is 'Paul Thomas' with a link to 'www.paulthomasflowers.co.uk/'. The second result is 'Paul Thomas Anderson' with a link to 'www.imdb.com/name/nm0000759/'. The third result is 'Paul Thomas - Wikipedia, the free encyclopedia' with a link to 'en.wikipedia.org/wiki/Paul_Thomas'. The fourth result is 'Paul Thomas Flowers London florist Mayfair' with a link to 'www.paulthomasflowers.co.uk/'.

Solution

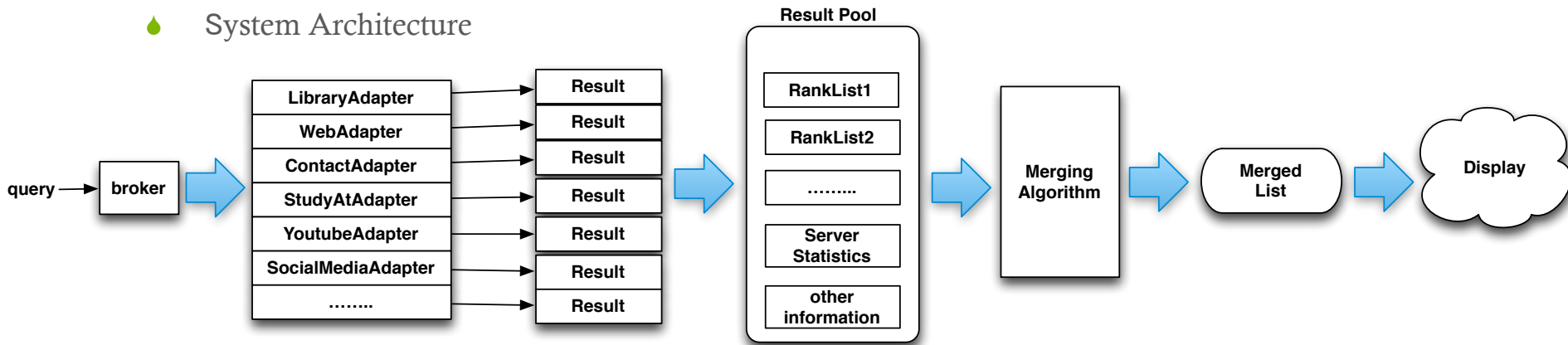
💧 Architecture of MetaSearch



Introduction

- ◆ Data Collection

- ◆ System Architecture



- ◆ Algorithm Implementation

- ◆ Evaluation

Related Work

- ◆ Score Based (Normalization, Voting)
- ◆ Document Surrogate
- ◆ SRRs
 - ◆ Title
 - ◆ Snippet
 - ◆ And more...
 - ◆ SRRs as SE Score
- ◆ Machine Learning Approaches
 - ◆ Probabilistic Model
 - ◆ Clustering (based on training queries)

Plan

- ◆ Literature Review
- ◆ Data Collection
- ◆ Framework Building
- ◆ Algorithm Implementation
- ◆ Algorithm Developing
- ◆ Testing
- ◆ Evaluation
- ◆ Writing

Thank you