

Under the Hood of Microsoft Academic Search

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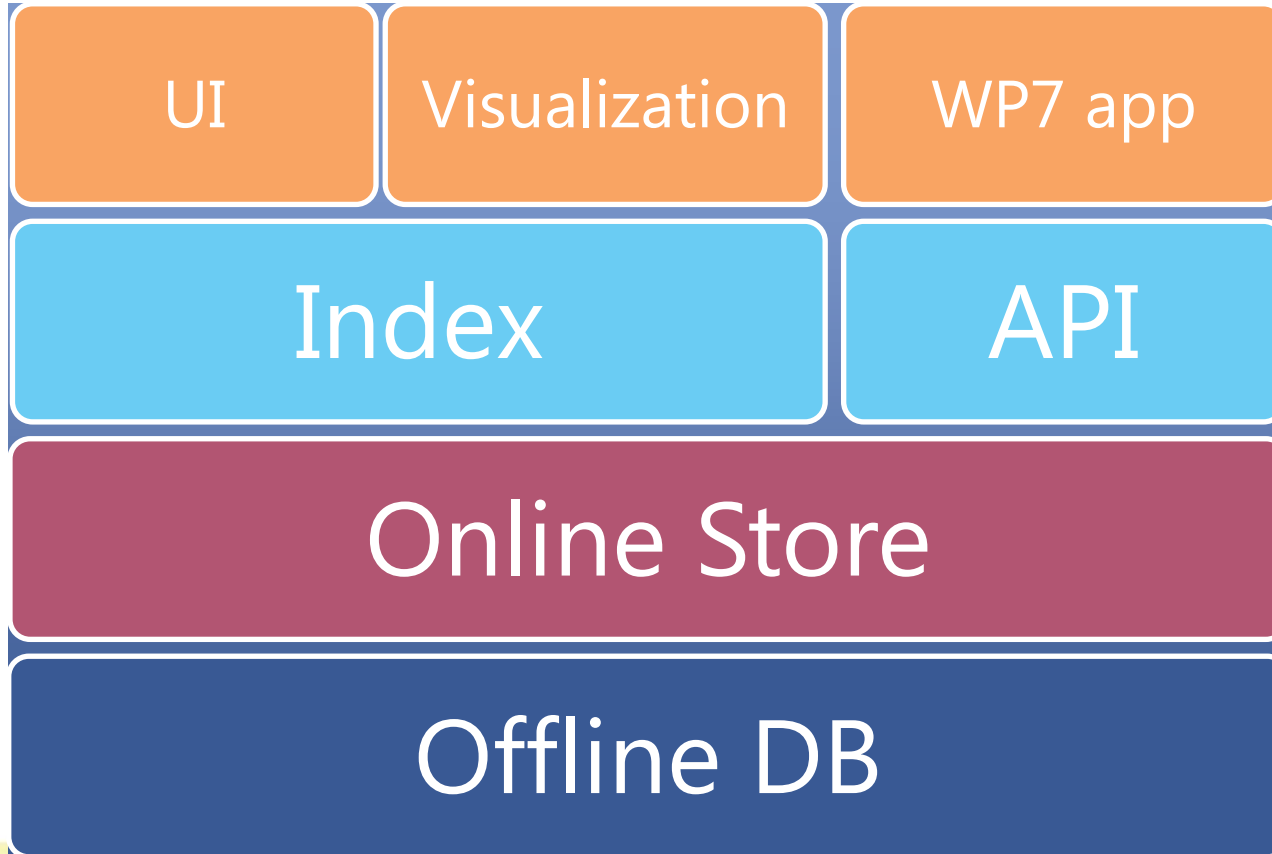
Agenda

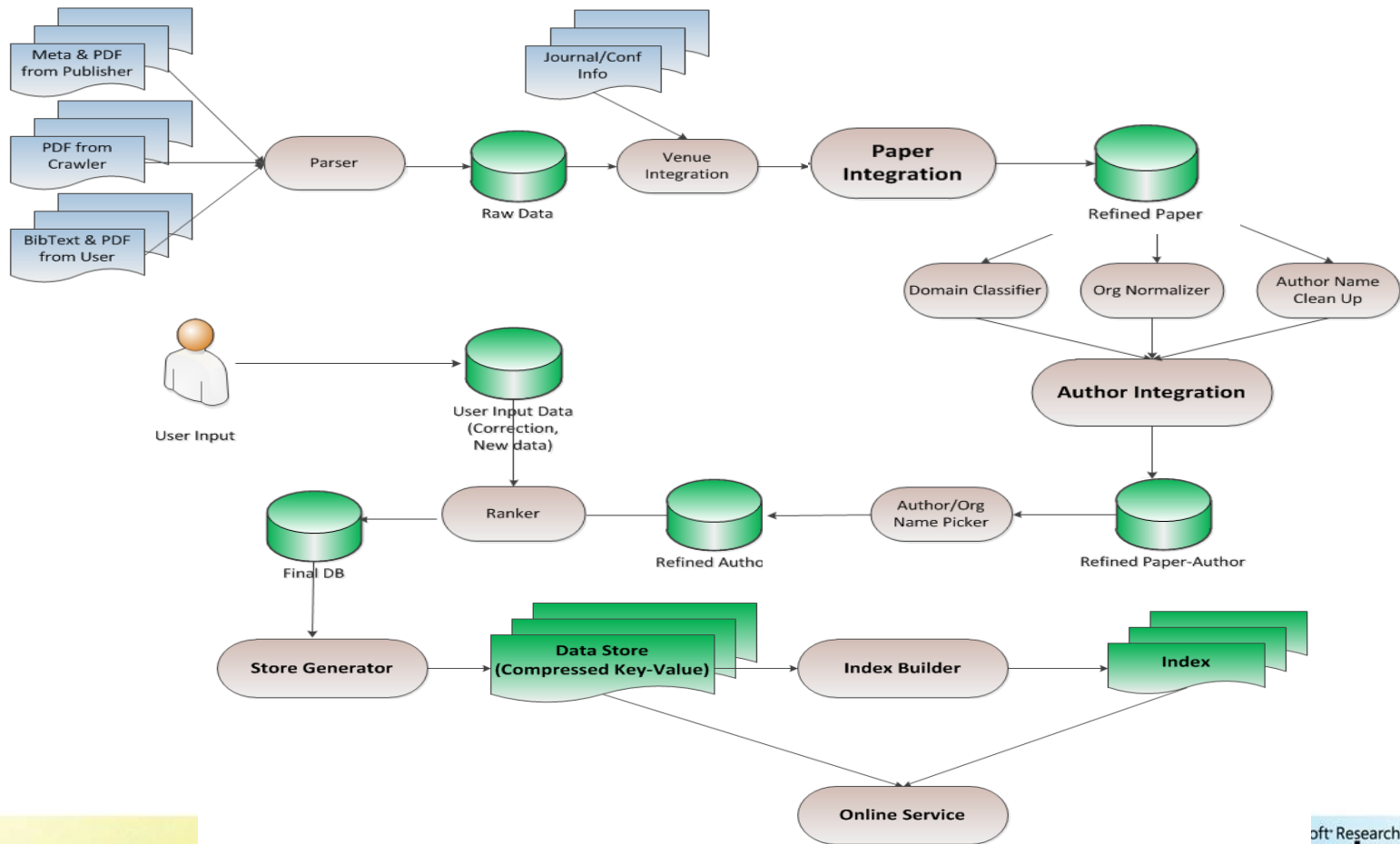
- The hood – Academic Search Demo
- Under the hood – how it works
- Above the hood - API

Academic Search Demo

- Basic Search
- Author and author relationships
- Paper, citation and keyword
- Visualizations
- User input

Under The Hood





Who Is M. Cohen?

Multipresence-Enabled Mobile Spatial Audio Interfaces

Spitzer

R. D. Blum, Owen Noel Newton Fernando¹, Michael Cohen², and Adrian David Cheok¹

Markwick-Kemper⁶, R. Indebetouw⁶, B. Whitney⁷, M. Meade⁸, B. Babler⁸, E. B. Churchwell⁸, K. Gordon⁹, C. Engelbracht⁹, B-Q For⁹, K. Misselt⁹, U. Vihj⁵, C. Leitherer⁵, K. Volk¹⁰, S. Points¹, W. Reach¹¹, J. L. Hora¹², J-P. Bernard¹³, F. Boulanger¹⁴, S. Bracker⁸, M. Cohen¹⁵, Y. Fukui¹⁶, J. Gallagher⁸, V. Gorjian¹¹, J. Harris⁹, D. Kelly⁹, A. Kawamura¹⁶, W. B. Latter¹⁷, S. Madden¹², A. Mizuno¹⁶, N. Mizuno¹⁶, A. Nota⁵, M. S. Oey¹⁸, T.

¹⁶, L. Smith¹⁹, Zaritsky⁹

Thermal Model Calibration for Minor Planets Observed with WISE/NEOWISE

A. Mainzer¹, T. Grav², J. Masiero¹

J. Bauer¹⁻³, E. Wright⁴, R. M. Cutri³, R. S. McMillan⁵, M. Cohen⁶, M. Ressler¹, P. Eisenhardt¹

One person, or two?

Flash Cut: Foreground Extraction with Flash and No-flash Image Pairs

Jian Sun¹ Jian Sun² Sing Bing Kang³ Zong-Ben Xu¹ Xiaoou Tang² Heung-Yeung Shum²

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Xi'an, P. R. China

²Microsoft Research Asia
Beijing, P. R. China

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Redmond, WA, USA

Update Frequency

- 48 hours
 - Pipeline update (new data, change from users)
- Weekly
 - New PDF, update from conference, journal, urgent code change
- Monthly
 - Reference Scan, New data from publisher, homepage update
- 3-Months
 - New domain expansion, major features

Above The Hood

- Public API
 - Support Query of all academic entities and their basic info
- With the API, you can
 - Work with others to share info
 - help users to build useful clients
 - Conference management tool
- To build a good neighborhood with the community

Microsoft Research

Faculty Summit



FUTURE WORLD

2011 ← → 2031