

## ORCID in the BASE (Bielefeld Academic Search Engine) ecosystem

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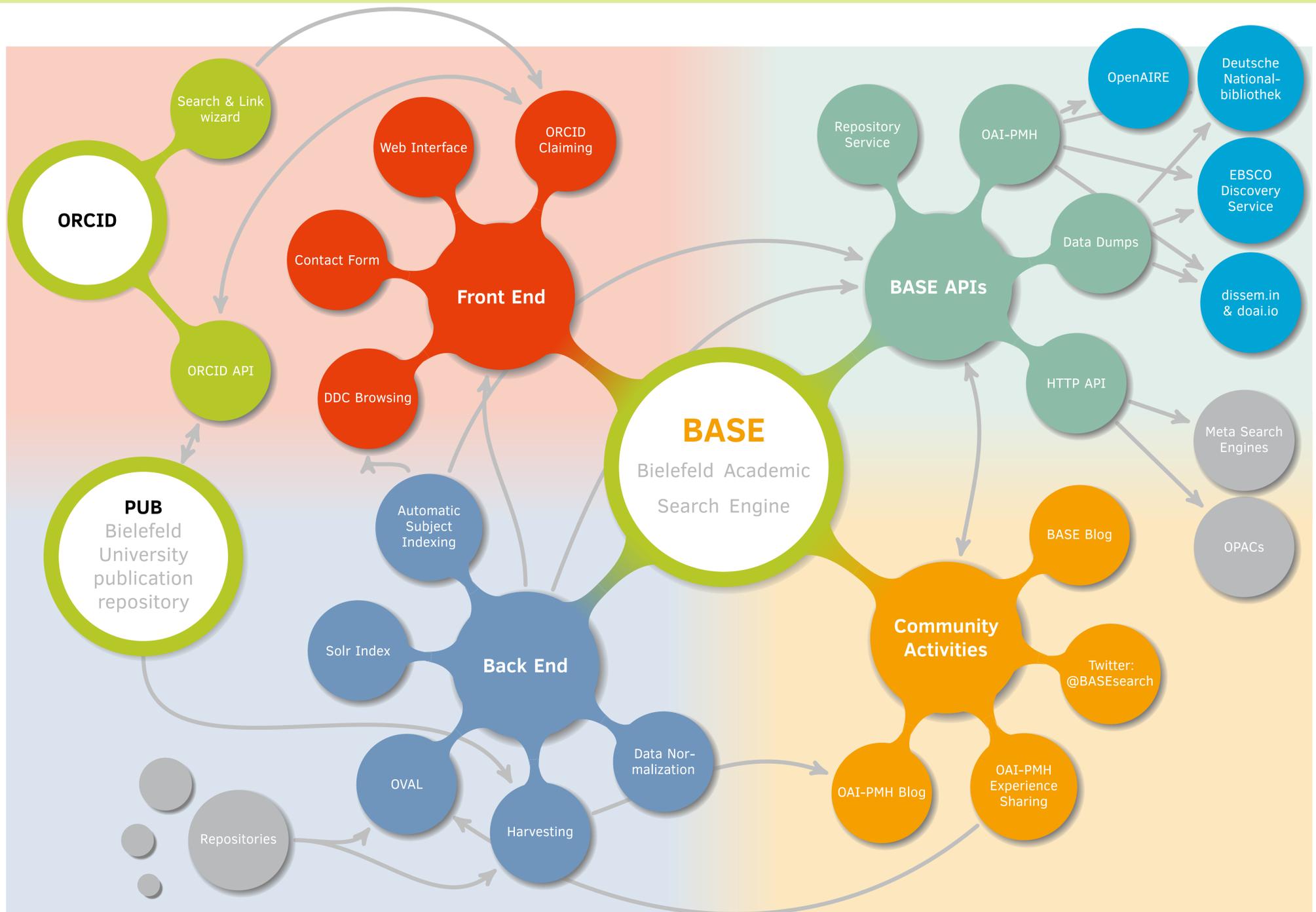
### Introduction

BASE (short for Bielefeld Academic Search Engine, <https://www.base-search.net>) is one of the largest search engines for academic open access content. BASE is harvesting, aggregating, normalising and enriching OAI metadata from repositories all over the world, and is acting as an OAI service and data provider at the same time. Bielefeld University Library has been

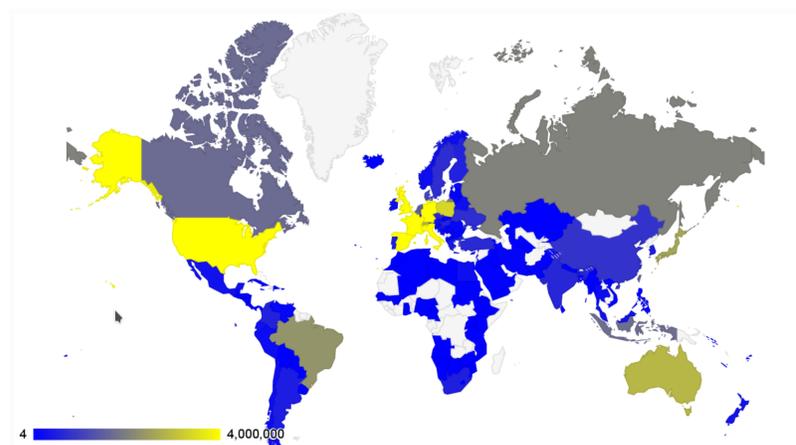
operating and developing BASE since 2004 with a small but efficient project staff. BASE has switched to free and open source software (Lucene Solr, VuFind) in 2011. BASE tries to integrate new developments in the scientific information landscape and thus ORCID and other identifiers as DOI have been integrated into the internal metadata processing and functionality. A

claiming service based on ORCID authentication including the service to exchange publication metadata with the personal ORCID publication list has been established. BASE has been added to ORCID's Search & Link wizard allowing end-users to investigate and include their publications.

### The BASE ecosystem and its connections to ORCID



### BASE Fact Sheet



The global repository network as indexed by BASE

- > 135 million documents indexed
- from > 6,600 repositories
- from > 130 countries
- metadata aggregation / enrichment
- multilingual search
- ORCID claiming
- OAI interface, dump download, search API

### The BASE Team

**Amelie Bäcker** data curation  
**Christoph Broschinski** data analysis  
**Bernd Fehling** back end  
**Urte Wiebe** source checking  
**Renata Mitrenga** front end  
**Dirk Pieper** head of project  
**Christian Pietsch** interfaces  
**Jochen Schirrwagen** advisor  
**Friedrich Summann** harvesting  
**Sebastian Wolf** communication



<https://base-search.net>