


NEXUS

OpenAIRE Research Graph

Andreas Czerniak

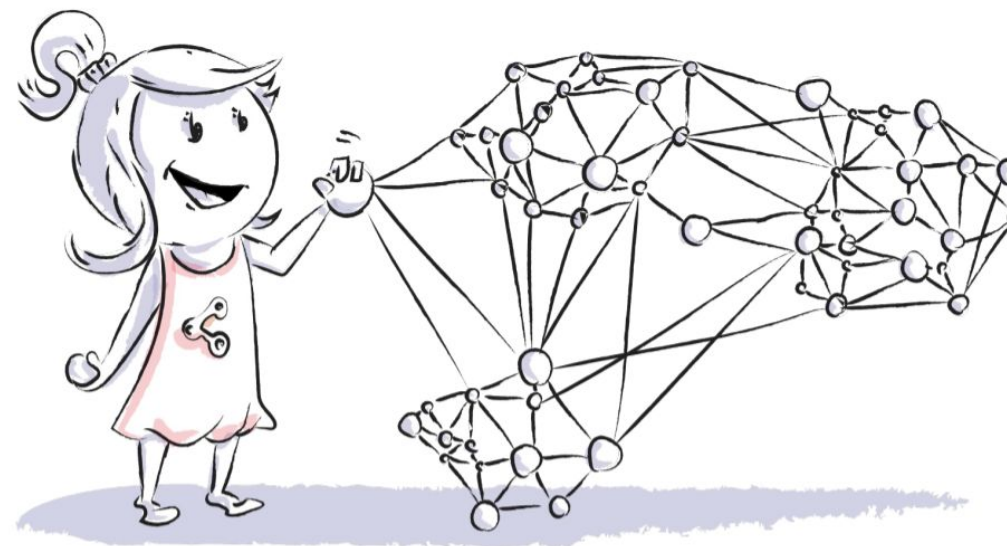
 0000-0003-3883-4169

Bielefeld University Library

OpenAIRE research graph



An open metadata research graph of interlinked scientific products, with access rights information, metrics, linked to funding information and research communities.



>450Mi harvested records
>500Mi bi-lateral links
>13Mi full-texts

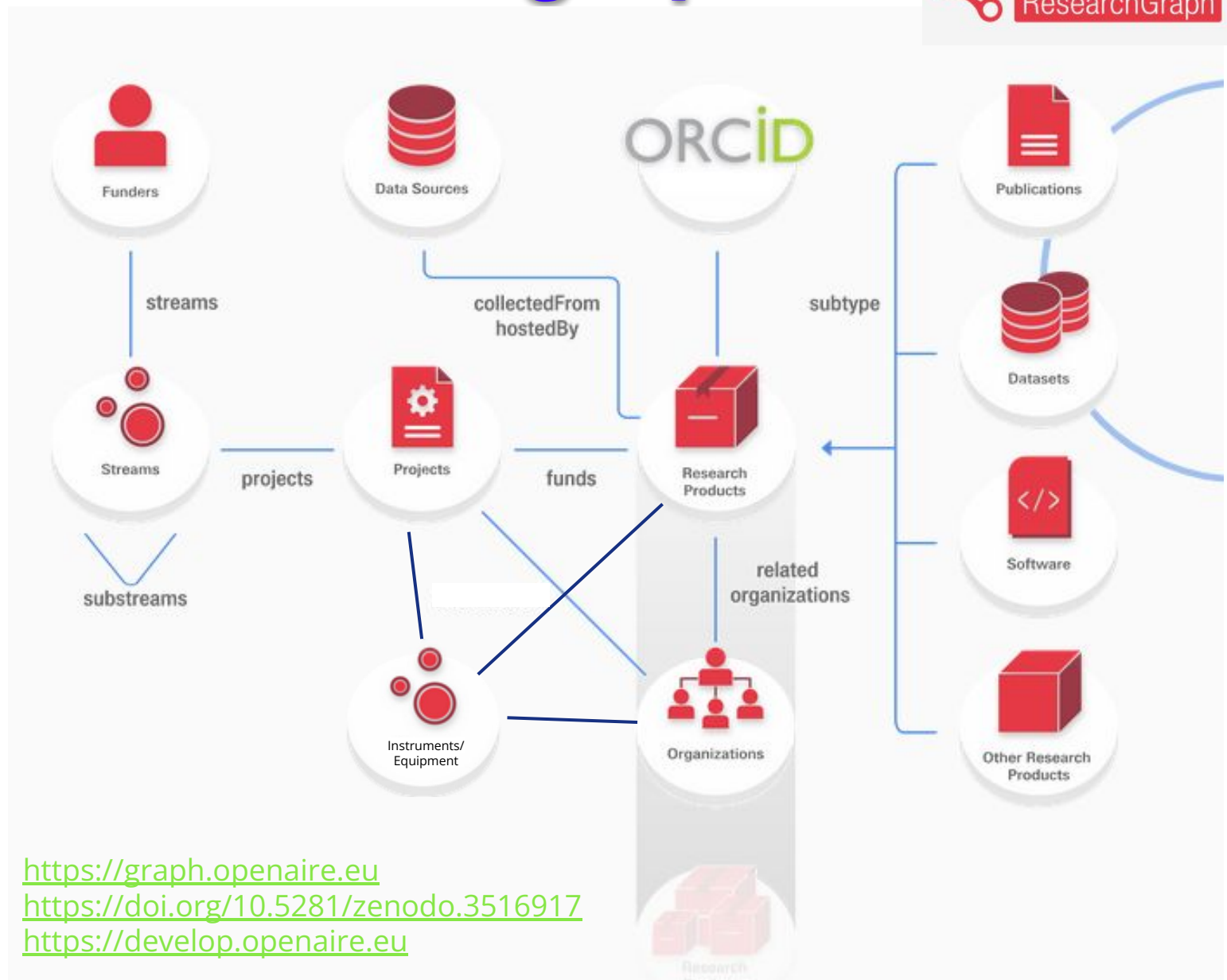
>231Mi dedupl. Research Products

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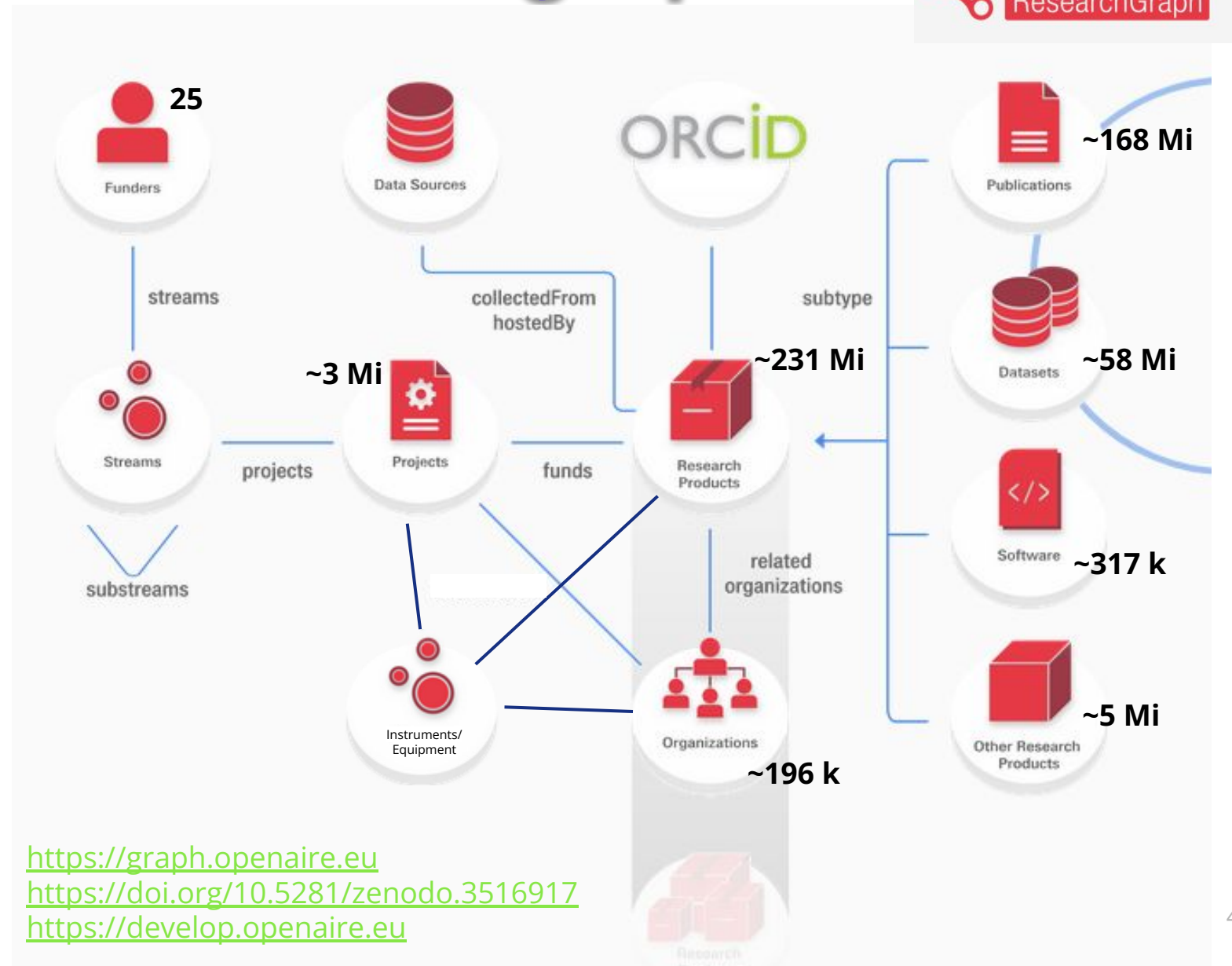


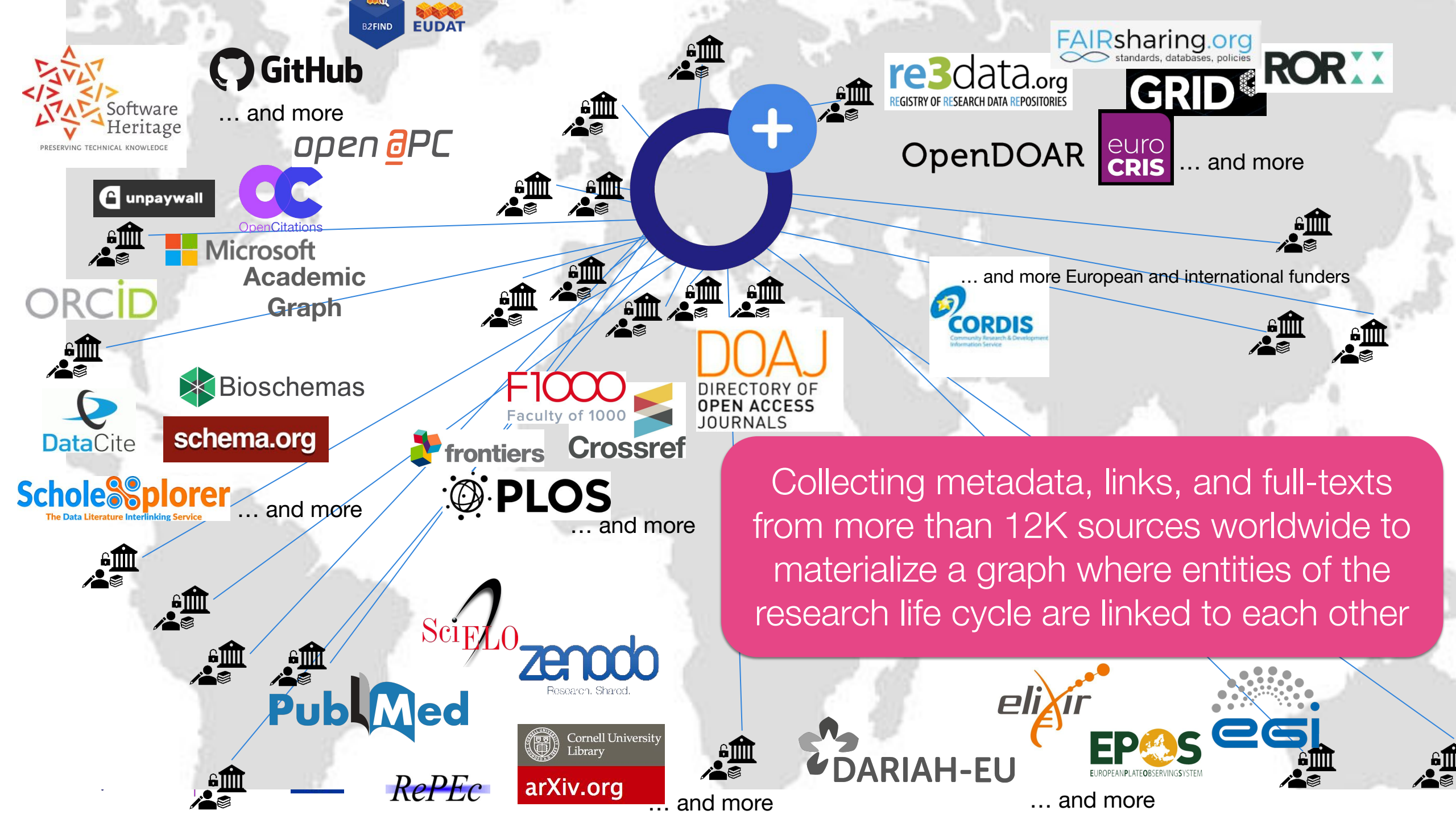
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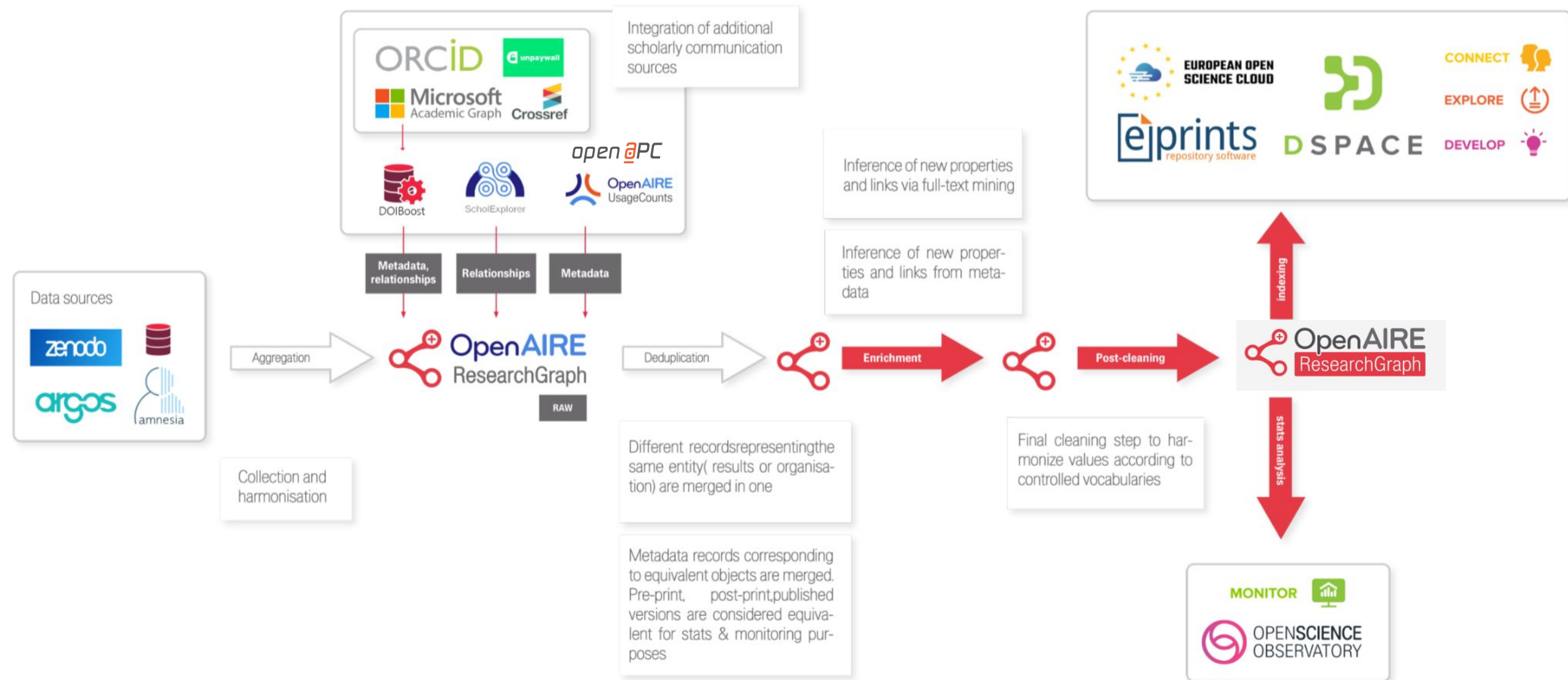
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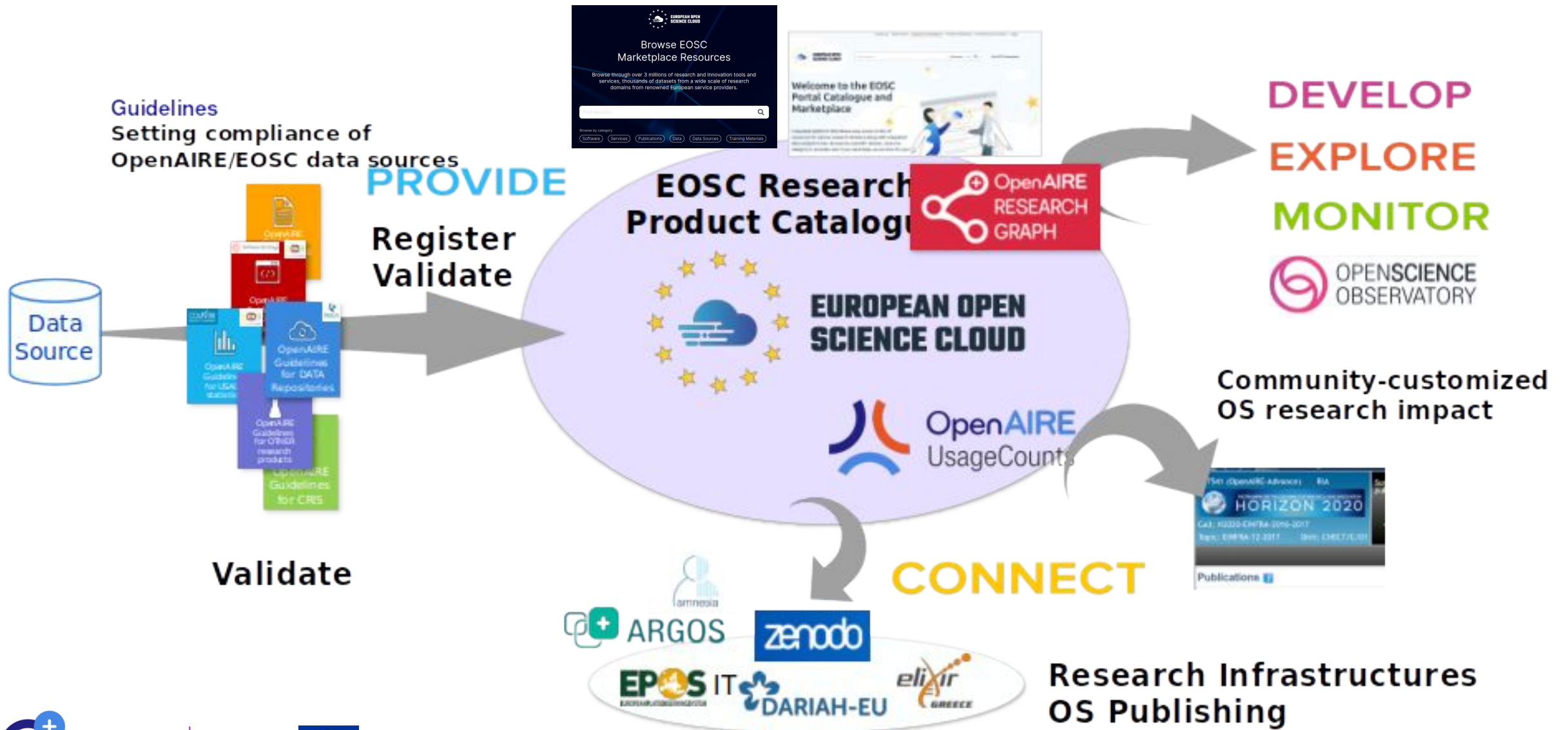




Chain for creating the research graph



OpenAIRE and the EOSC Core





















The graph

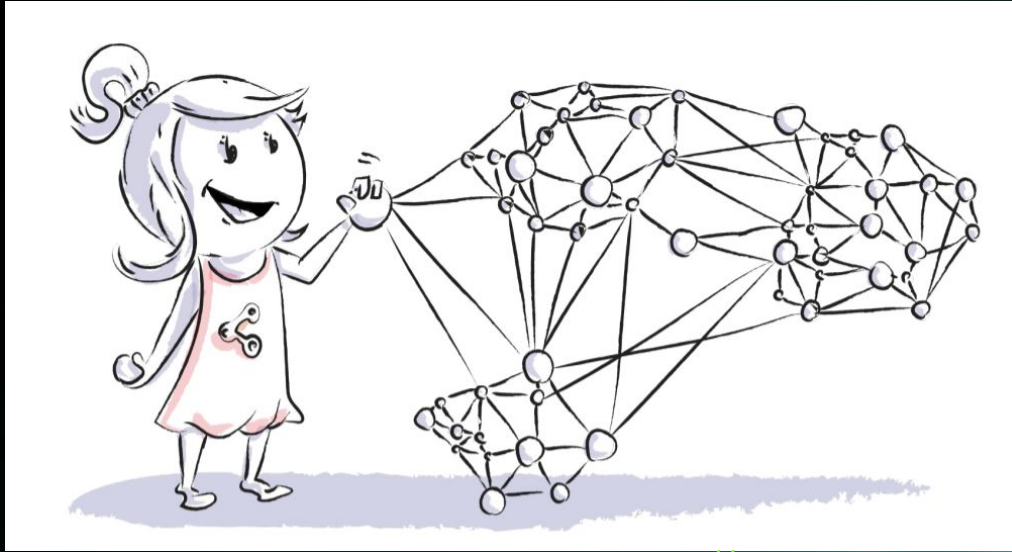
- **Open API (<https://api.openaire.eu>)**
 - 2 requests/sec for authenticated users
- **Dumps (at Zenodo)**
 - Complete Graph
 - <https://doi.org/10.5281/zenodo.3516917>
 - Subsets/Collections
 - e.g. funded projects, COVID-19 related products, books, ...
<https://zenodo.org/communities/openaire-research-graph>

The graph team

<https://graph.openaire.eu/about/team>

 <p>Alessia Bardi Researcher / Product Manager of the OpenAIRE Research Community Dashboard (CONNECT)</p> <p>Learn more</p>	 <p>Andrea Dell Amico Technical Team - Systems Administrator</p> <p>Learn more</p>	 <p>Andrea Mannocci Researcher/Data scientist</p> <p>Learn more</p>	 <p>Michele De Bonis Technical Team</p> <p>Learn more</p>	 <p>Miriam Baglioni Researcher / Data Quality</p> <p>Learn more</p>	 <p>Paolo Manghi Chief Technical Officer</p> <p>Learn more</p>
 <p>Andreas Czerniak OpenAIRE Project Officer</p> <p>Learn more</p>	 <p>Claudio Atzori Software & Data Engineer / Data quality</p> <p>Learn more</p>	 <p>Eleni Zacharia-Lamprou Software Engineer - Postdoctoral Researcher</p> <p>Learn more</p>	 <p>Sandro La Bruzzo Technical Team</p> <p>Learn more</p>	 <p>Yannis Foufoulas Software Engineer / Researcher</p> <p>Learn more</p>	 <p>Thanasis Vergoulis Service Operational Director</p> <p>Learn more</p>
 <p>Enrico Ottonello Technical Team</p> <p>Learn more</p>	 <p>Harry Dimitropoulos Senior Scientific Associate</p> <p>Learn more</p>	 <p>Lampros Smyrnaio Software & Data Engineer / Research Assistant</p> <p>Learn more</p>	 <p>Marek Horst Virtual Access Manager and Infrastructure Manager</p> <p>Learn more</p>	 <p>Michele Artini Software & Data Engineer / Data Quality</p> <p>Learn more</p>	 <p>Michal Politowski Technical Team - Systems Administrator</p> <p>Learn more</p>





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THANKS