

The screenshot displays the LODHub interface, which is divided into several sections:

- Operators Panel (Left):** A vertical list of operators with icons: Load, Filter, Union, For Each, Sort, Cross, Distinct, Group, Join, Limit, Rank, Sample, Split, Store, and Dump.
- Visual Query Builder (Center):** A drag-and-drop interface where operators are connected to form a query graph. A blue callout bubble says "Drag'n'Drop". The graph shows two input streams (RAW and RAW\_1) being processed by Filter and Distinct operators, then joined (LEFT JOIN), sorted (ORDERED), limited (LIMIT 100), and finally projected (PROJ) to a monitor icon.
- Script Compiler (Bottom):** A section titled "compile graph to Pig script" with a text area containing the generated Pig script. A blue callout bubble points to this section.

**lots of useful operators**

**Drag'n'Drop**

**compile graph to Pig script**

```
Script
1 RAW = LOAD 'b0538ff4-581f-4d81-9488-5746806f0173' USING de.tuilmnau.dbis.lodhub.pig.LodhubPigLoader() AS (s, p, o,d) ;
2 RAW_1 = LOAD '295b7b5e-0d75-4149-89e5-d9da8c5ab5f1' USING de.tuilmnau.dbis.lodhub.pig.LodhubPigLoader() AS (s, p, o,d) ;
3 FILTERED = FILTER RAW BY s == '<http://tu-ilmenau.de/dbis/events/E0-001-050777874-2>' ;
4 DISTINCTS = DISTINCT RAW_1 ;
5 JOINED = JOIN FILTERED BY o, DISTINCTS BY s ;
6 ORDERED = ORDER JOINED BY p ;
7 LIMITED = LIMIT ORDERED 10 ;
8 PROJ = FOREACH LIMITED GENERATE s,o ;
9 DUMP PROJ ;
10
```

- provides complete infrastructure
- upload and share linked data sets
- run analytic tasks & queries
- explore and visualize data sets