they are not available at all. This means from a long workflow that led to producing a graph for a research paper, we only publish the final result rather than the entire workflow. This is unfortunate and has been criticized in various scientific communities. In this demo we argue that one part of the problem is our dated view on what a "document" and hence "a publication" is, should, and can be. As a remedy, we introduce portable database files (PDbF). These files are jani-form, i.e. they are at the same time a standard static pdf as well as a highly dynamic (offline) HTML-document. PDbFs allow you to access the raw data behind a graph, perform OLAP-style analysis, and reproduce your own graphs from the raw data – all of this within a portable document. We demo a tool allowing you to create PDbFs smoothly from within LATEX. This tool allows you to preserve the workflow of raw measurement data to its final graphical output through all processing steps. Notice that this pdf already showcases our technology: rename this file to ".html" and see what happens (currently we support the desktop versions of Firefox, Chrome, and Safari). But please: do not try to rename this file to ".ova" and mount it in VirtualBox.

3.5 DIRECT and LOD-DIRECT

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Distributed Information Retrieval Evaluation Campaign Tool (DIRECT[5]) is a system which models IR experimental data and manages all the steps of an IR evaluation campaign, like creation of the topics, submission of system runs, creation of relevance judgements, computation of performance measures and so on. DIRECT not only supports IR evaluation campaigns but takes also care of archiving the IR experimental data in order to make the accessibile and referenceable for future re-use. At the time of writing, DIRECT counts about 35 millions documents, 14 thousands topics, around 4 million relevance judgements, 5 thousands experiments and 20 millions measures. This data has been inserted and used by about 1,500 researchers from more than 70 countries world-wide. Overall, DIRECT counts around 650 visitors who accessed and downloaded the data. LOD-DIRECT[6] is an evolution of DIRECT to model and make available a subset of its IR experimental data as Linked Open Data.

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[5] http://direct.dei.unipd.it/
[6] http://lod-direct.dei.unipd.it/