Representing, Analyzing, and Visualizing Scholarly Data in Support of Research Management

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IV Conferences, Zurich, Schweiz July 5th 2007





Knowledge Management Tool for

➤ The tracking, management, and sense making of data relevant for the daily operation of a **medium size** scholarly unit such as a research groups, laboratory, or center.

Note:

- > Small research groups with about five students might not require the proposed tool as all data can be easily managed by one person.
- ➤ **Huge** groups, e.g., entire departments or schools, with more than 50 different people typically have full-time paid assistants and staff to take care of finances, hiring and firing, information technology, travel arrangements, etc...

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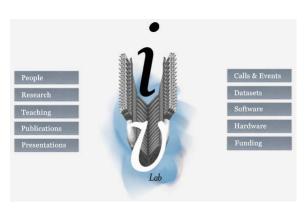
Target User Groups

- Leaders that need to provide references for current or previous members; report the progress of different projects to different funding agencies in different time intervals, e.g., quarterly or annually.
- ➤ **Group members** might include Ph.D. students that need to report their progress on an annual basis, some members are project team leads themselves and are in need to manage the project team and associated publication plans, presentation travels, organized events, as well as the datasets, software, and bardware
- ➤ Information technology support staff needs to know what projects and people are affected if certain hardware is replaced or a piece of software is updated.
- **Funding agencies** are interested to see the impact of the work they fund.
- Scholars might like to gain a quick overview about the expertise and productivity of a certain unit. They might be interested to know when Ph.D. students become available for hire, if a unit member is available to give a talk at a certain date or is already committed to other travels, etc.

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Lab/Center Management System



http://ivl.slis.indiana.edu

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