LCG - Savannah

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LCG Application Area Review

What is LCG Savannah ?

❑ **The Web portal for LCG SW projects**

❑ **Customized from GNU (SourceForge as origin)**

❑ **Based on Apache, PHP, mySQL**

❑ **Functionality:**
   - **Bug tracking**
   - **Task management**
   - **Mailing lists, news, faqs**
   - **Access to CVS repository**
   - **Download area, etc**

❑ **Project and user oriented views**

Collaborative aspects

❑ Bug reporting with follow-ups, cc-forwarding, notification to related persons

❑ Features requests and bugs interdependencies

❑ Bugs assignment by project leaders

❑ Development suggestions & related task management

❑ Project communication (internal and external)
- news (global / project specific)
- email notification (configurable per project, per user, per event)

LCG Savannah homepage

Project homepage

Overall approach and benefits

❑ **Common** set of services, **centrally** managed:
- exposure to a large community
- common structure, functionality and interface
- no maintenance & upgrade load on the projects

❑ **Configurable** for the **projects needs**

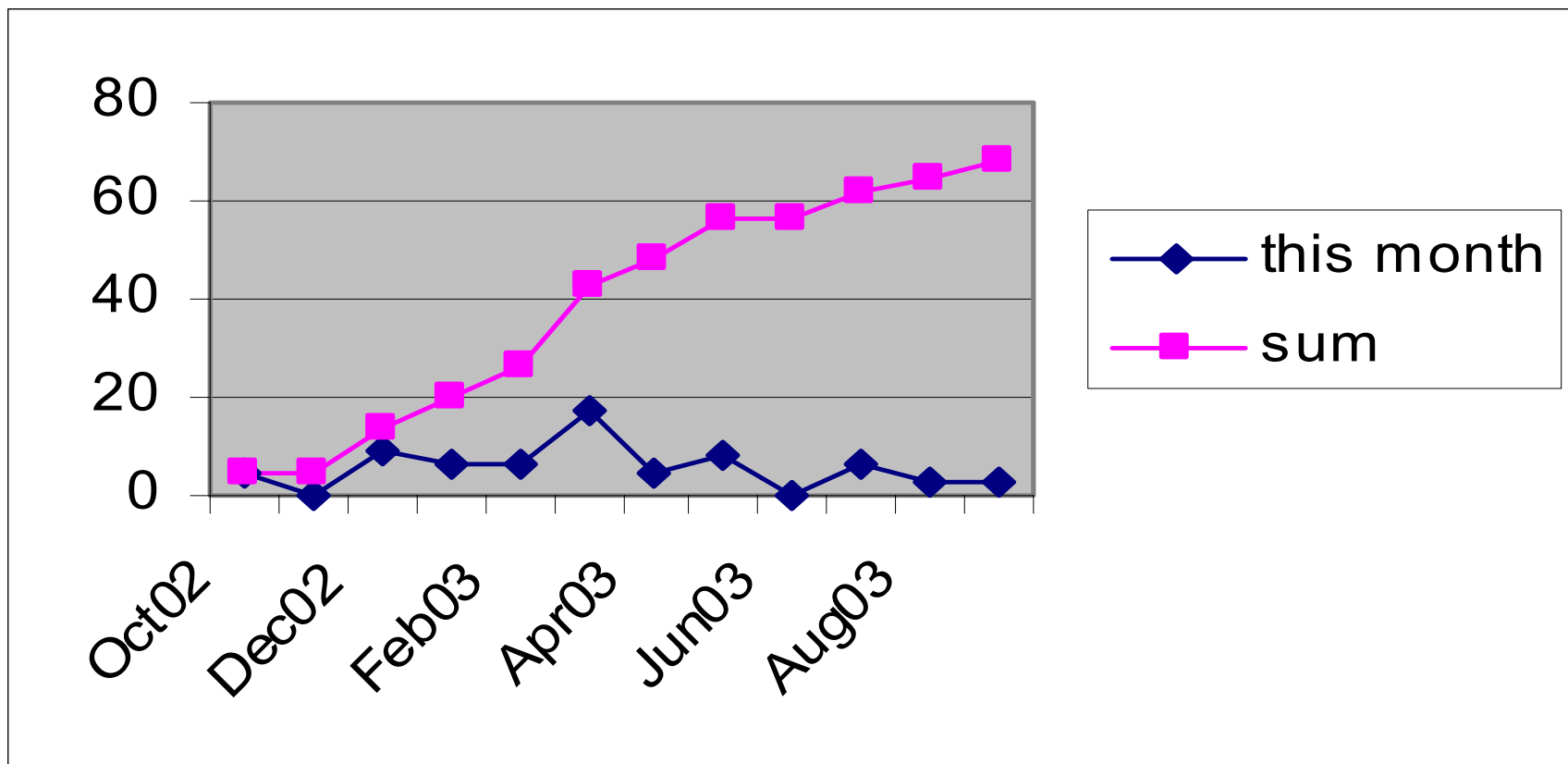❑ **Configurable** for the **user needs** and automatically adapted to his / her rights
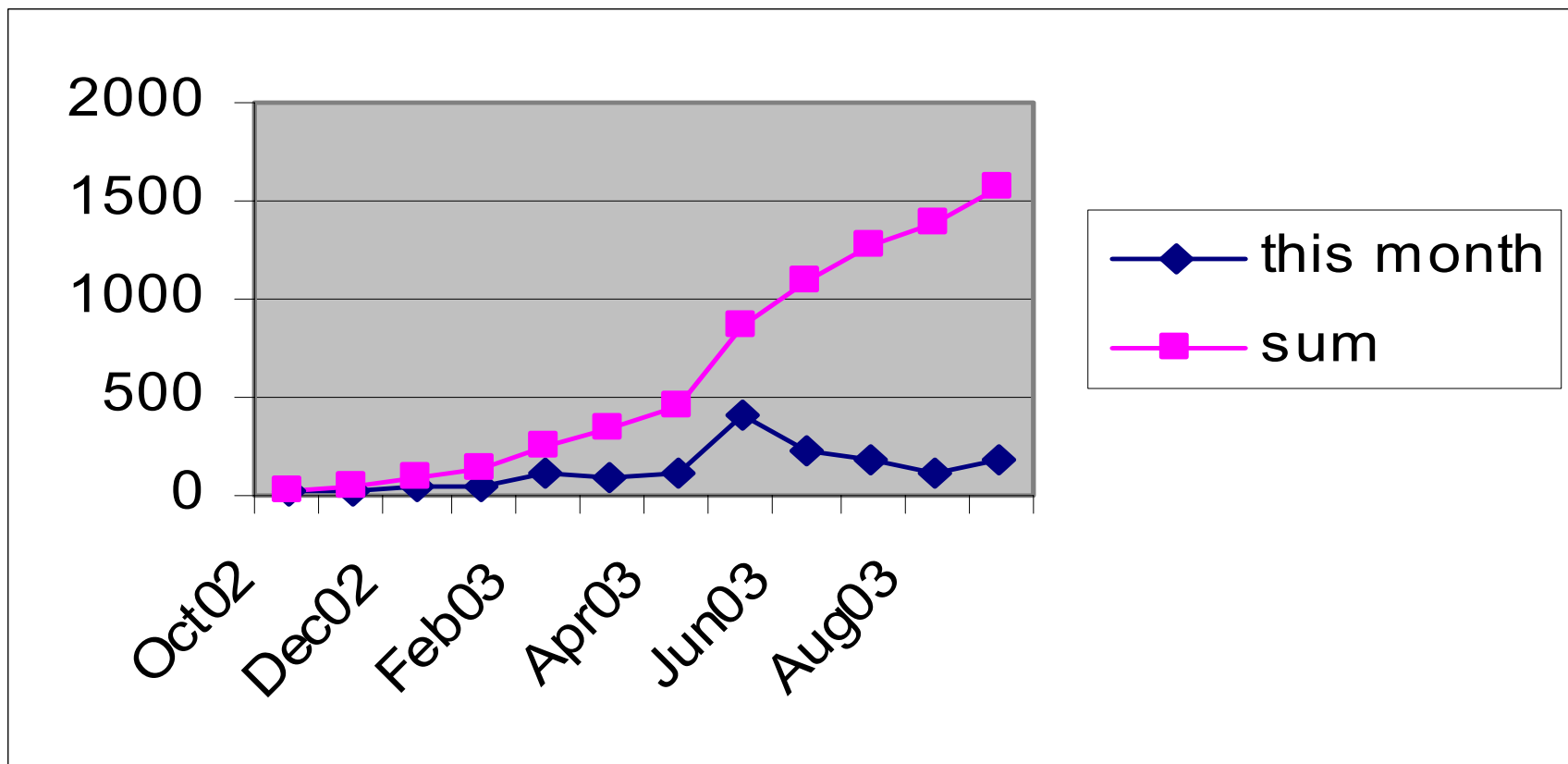
Project's bug administration

Benefits [continued]

❑ Totally web based

❑ Single entry point to project(s)

❑ Uniform access to project information

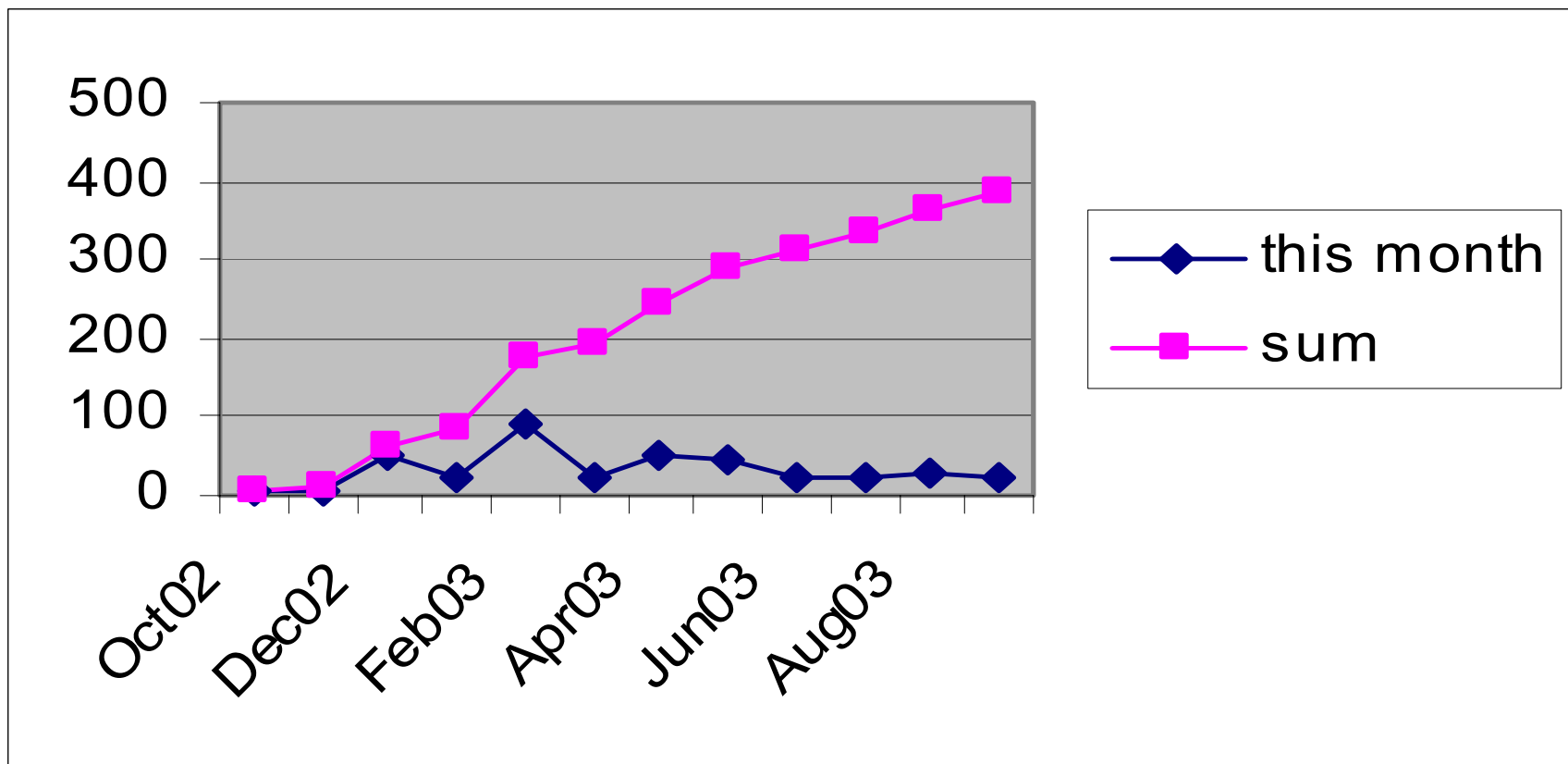❑ Set up common web infrastructure for a project without coding

Creation of projects (still active today)

Submission of bugs

Registration of users

Bugs submitted for Savannah (itself)
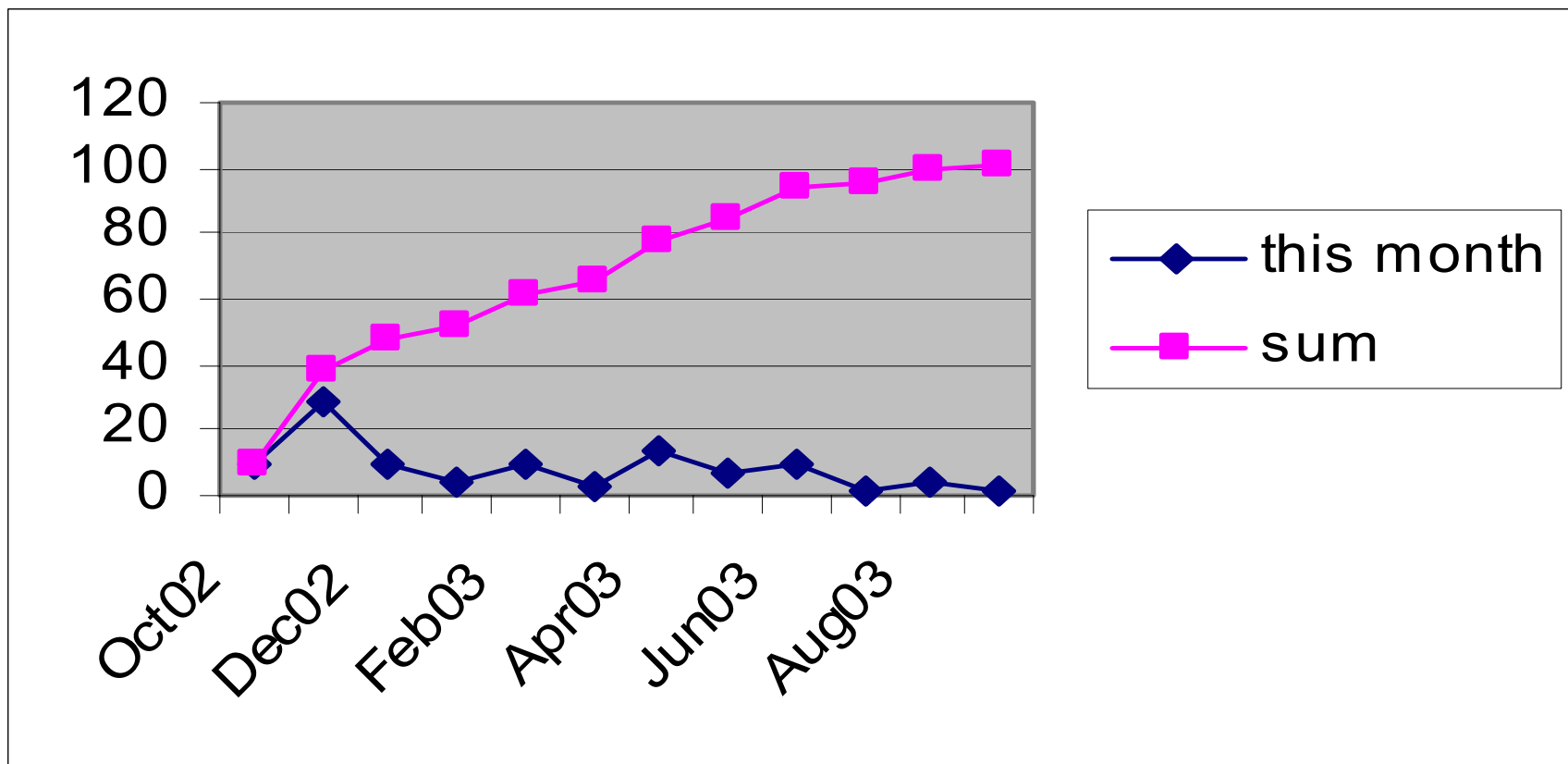
Support load (for SPI)

❑ initially (Derek + Frederik):

- installation from GNU, general bug fixing and improvements
- implemented bulk user registration
- integration with AFS authentication
- sending these improvements back to GNU

❑ now (Yves):

- administration (project approval)
- maintenance (submitted bugs)
- development (support requests)
- staying in phase with GNU and keep contact with other developers

Status

❑ 70 hosted projects, 395 registered users

❑ major new release in preparation (merge of CERN and GNU branches, common tracker for all services, etc)

❑ we work closely with the open source people

❑ still a few minor bugs and limited documentation (online help & faqs)   ... will be fixed gradually

❑ LCG Savannah is accessible at:http://savannah.cern.ch