Neuantrag auf Sachbeihilfe

iPoWr: Intelligent Proposal Writing

Acronym: iPoWr

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0.1 Zusammenfassung

Das Schreiben von Anträgen ist oft ein kollaboratives Unterfangen in dem Beiträge von mehren Partnern in einen kohärenten Text integriert werde müssen. Durch die Verwendung eines ASCII-basierten Formates wie LATEX kann dieser Prozeß in einem Versionsmanagementsystem wie SUBVERSION unterstützt werden, wodurch sie das Projektteam auf das Schreiben konzentrieren kann statt auf die Mechanik der Integration.

0.2 Summary

Writing grant proposals is a collaborative effort that requires the integration of contributions from many individuals. The use of an ASCII-based format like LaTeX [**Lamport:ladps94**] allows to coordinate the process via a source code control system like Subversion, allowing the proposal writing team to concentrate on the contents rather than the mechanics of wrangling with text fragments and revisions.

1 State of the Art and Preliminary Work

1.1 List of Project-Related Publications

1.1.1 Peer-Reviewed Articles

1.1.2 Other Articles   None.

1.1.3 Patents   None.

2 Objectives and Work Programme

2.1 Anticipated Total Duration of the Project

2.2 Objectives

O1: Supporting Authors This is the first objective, after all we have to write proposals all the time, and we would rather spend time on research.

O2: Supporting Reviewers They are only human too, so let's have a heart for them as well.

2.3 Work Programme Including Proposed Research Methods

LaTeXis the best document markup language, it can even be used for literate programming [**DK:LP**; **Lamport:ladps94**; **Knuth:ttb84**]

The project is organized around two large-scale work areas which correspond to the objectives formulated above. These are subdivided into five work packages, which we summarize in Figure 1. Work area WA1 will run over the whole project duration of iPoWr. All three work packages in WA2 will and have to be covered simultaneously in order to benefit from design-implementation-application feedback loops.

WA/P	Title	FAU RM	FAU RAM	PCG RM	PCG RAM	total RM	total RAM
WA1	**Management**	**2**	**10**	**10**	**0**	**12**	**10**
WP1.1	Project Management	*2*	*8*	2		**4**	**8**
WP1.2	Dissemination and Exploitation		2	*8*		**8**	**2**
WA2	**System Development**	**24**	**8**	**12**	**2**	**36**	**10**
WP2.1	Class	*12*	*8*	12	2	**24**	**10**
WP2.2	Template	12				**12**	**0**
WP2.3	A work package without tasks					**0**	**0**
	totals	**26**	**18**	**22**	**2**	**48**	**20**

R(A)M $\widehat{=}$ Researcher (Assistant) Months; WP lead efforts light gray italicised

Table 1: Work Areas and Work Packages

Work Area 1: Management, Support & Sustainability

This work-group corresponds to Objective O1 and has two work packages: one for management proper (WP1.1), and one each for dissemination (WP1.2)

This work group ensures the dissemination and creation of the periodic integrative reports containing the periodic Project Management Report, the Project Management Handbook, an Knowledge Dissemination Plan (WP1.1), the Proceedings of the Annual iPoWr Summer School as well as non-public Dissemination and Exploitation plans (WP1.2), as well as a report of the iPoWr project milestones.

Work Package 1.1	Site	*FAU*	PCG	**all**
Project Management	Effort (RM+RAM)	*2+8*	2+	**4+8**

Based on the "Bewilligungsbescheid" of the DFG, and based on the financial and administrative data agreed, the project manager will carry out the overall project management, including administrative management. A project quality handbook will be defined, and a iPoWr help-desk for answering questions about the format (first project-internal, and after month 12 public) will be established. The project management will consist of the following tasks

T1 To perform the administrative, scientific/technical, and financial management of the project

T2 To co-ordinate the contacts with the DFG and other funding bodies, building on the results in **T1.1.1**

T3 To control quality and timing of project results and to resolve conflicts

T4 To set up inter-project communication rules and mechanisms

Work Package 1.2		Site	FAU	*PCG*	**all**
Dissemination and Exploitation		Effort (RM+RAM)	+2	*8+*	**8+2**

Much of the activity of a project involves small groups of nodes in joint work. This work package is set up to ensure their best wide-scale integration, communication, and synergetic presentation of the results. Clearly identified means of dissemination of work-in-progress as well as final results will serve the effectiveness of work within the project and steadily improve the visibility and usage of the emerging semantic services.

The work package members set up events for dissemination of the research and work-in-progress results for researchers (workshops and summer schools), and for industry (trade fairs). An in-depth evaluation will be undertaken of the response of test-users.

T1 sdfkj

T2 sdflkjsdf

T3 sdflkjsdf

T4

Within two months of the start of the project, a project website will go live. This website will have two areas: a members' area and a public area.. . . .

Work Area 2: System Development

This workarea does not correspond to O2: Supporting Reviewers, but it has two work packages: one for the development of the LaTeX class (WP2.1), and for the proposal template (WP2.2)

This work group coordinates the system development.

Work Package 2.1		Site	*FAU*	PCG	**all**
A LaTeX class for EU Proposals		Effort (RM+RAM)	*12+8*	12+2	**24+10**

We plan to develop a LaTeX class for marking up EU Proposals

We will follow strict software design principles, first comes a requirements analys, then . . .

T1 sdfsdf

T2 sdfsdf

T3 sdfsdf

T4 sdfsdfd

Work Package 2.2		Site	FAU	*PCG*	**all**
Proposal Template		Effort (RM+RAM)	12+	+	**12+0**

We plan to develop a template file for iPoWr proposals

We abstract an example from existing proposals

T1 sdfdsf

T2 sdfsdf

Work Package 2.3		Site	FAU	PCG	**all**
A work package without tasks		Effort (RM+RAM)	+	+	**0+0**

And finally, a work package without tasks, so we can see the effect on the gantt chart in fig 1.
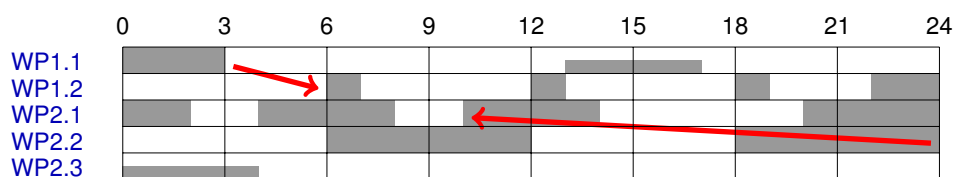

Figure 1: Gantt Chart: Overview Work Package Activities

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[0]Bars shown at reduced height (e.g. 50%) indicate reduced intensity during that work phase (e.g. to 50%).

2.4 Data Handling

The iPoWr project will not systematically produce researchdata. All project results will be published for at least x years at our archive at http://example.org.

2.5 – 2.7 (Other Information / Explanations on the Proposed Investigations / Information on Scientific and Financial Involvement of International Cooperation Partners)   n/a

3 Bibliography Concerning the State of the Art, the Research objectives, and the Work Programme