

This mock proposal is just an example for `dfgproposal.cls` it reflects the current DFG template valid from October 2011.

Neuantrag auf Sachbeihilfe
iPoWr: Intelligent Proposal Writing

Acronym: iPoWr

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Michael Kohlhase	Michael Kohlhase
FAU Erlangen Nürnberg	Power Consulting GmbH
Computer Science	Science Affairs

0.1 Zusammenfassung

Das Schreiben von Anträgen ist oft ein kollaboratives Unterfangen in dem Beiträge von mehreren Partnern in einen kohärenten Text integriert werden 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 [Lam94] 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

Articles

[Koh+11] M. Kohlhase et al. "The Planetary System: Web 3.0 & Active Documents for STEM". In: *Procedia Computer Science 4* (2011): *Special issue: Proceedings of the International Conference on Computational Science (ICCS)*. Ed. by M. Sato, S. Matsuoka, P. M. Slood, G. D. van Albada, and J. Dongarra. Finalist at the Executable Paper Grand Challenge, pp. 598–607. DOI: [10.1016/j.procs.2011.04.063](https://doi.org/10.1016/j.procs.2011.04.063).

Monographs

[Knu84] D. E. Knuth. *The TeXbook*. Addison Wesley, 1984.

[Lam94] L. Lamport. *LaTeX: A Document Preparation System, 2/e*. Addison Wesley, 1994.

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

\LaTeX is the best document markup language, it can even be used for literate programming [Knu92; Lam94; Knu84]

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 $\hat{=}$ 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 sdfkjsdf
- T3 sdfkjsdf
- 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 sdfsdf
- 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](#).

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>.

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

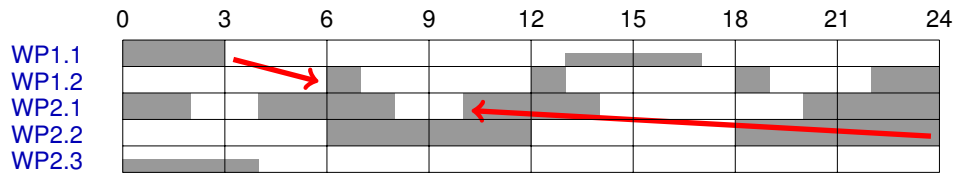


Figure 1: Gantt Chart: Overview Work Package Activities

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

[Knu92] D. E. Knuth. *Literate Programming*. The University of Chicago Press, 1992.

4 Requested Modules/Funds

For each applicant, we apply for funding within the Basic Module.

4.1 Funding for Staff

4.1.1 Research Staff

We apply for the following positions. All run over the entire duration of the proposed project.

Non-doctoral staff One doctoral researcher for 2 years at 100% for Michael Kohlhase.
One doctoral researcher for 2 years at 100% for Florian Rabe.

Other research assistants One student with BSc. for 2 years at 100% for Michael Kohlhase.
One student with BSc. for 2 years at 100% for Florian Rabe.

4.1.2 Non-Academic Staff None.

4.1.3 Student Assistants None.

4.2 Funding for Direct Project Costs

4.2.1 Equipment up to 10,000 €, Software and Consumables

None. PC will cover the workspace, computing needs, and consumables for its staff as part of the basic support.

4.2.2 Travel Expenses

The travel budget shall cover:

- visits to external collaborators. We expect two international visits. We estimate that each visit will be most effective, if the junior researchers can spend about 3 weeks with the partners. Thus we estimate 2500 € per visit.
- visits to national conferences to disseminate the results of iPoWr. We expect one visit for each year for each of the three researchers. (3 x 3 x 1000 €)
- visits to international conferences to disseminate the results of iPoWr. These are in particular the International Joint Conference on Document Engineering (DocEng) and the Tech User Group Meeting (TUG). We expect one visit for each proposed researcher and for each year. (3 x 3 x 1500 €)

This sums up to a total amount of 32.500 € for travel expenses for the whole funding period of three years which is split into 16.250 € for each institute (PC and Jacobs University).

4.2.3 Visiting Researchers

Total expenses **10.200 €**

As explained in Section 4.2.2, we expect 5 incoming research visits. Assuming an average duration of 3 weeks, we estimate the cost of one visit at 600 € for traveling and 70 € per night for accommodation, amounting to 2040 € per visit.

– 4.1.2.6, 4.1.3 (Expenses for Laboratory Animals / Other Costs / Project Related Publication Expenses / Instrumentation) n/a

5 Project Requirements

5.1 Employment Status Information

5.2 First-time Proposal Data

5.3 Composition of the Project Group

5.3.1 FAU: ??

The KWARC (Knowledge Adaptation and Reasoning for Content) research group headed by Michael Kohlhase for has the following members

Dr. N.N. is the ... She has a background in...

Additionally, the group has attracted about 10 undergraduate and master's students that actively take part in the project work and various aspects of research.

5.3.2 PCG: ??

Power Consulting GmbH is the leading provider of semantic document solutions. Dr. Senior Researcher leads an applied research group consisting of

Dr. N.N. is the ... She has a background in...

The group has access to seven programming slaves specializing in web development and document transformation techniques

5.4 Cooperation with other Researchers

5.4.1 Planned Cooperations

Prof. Dr. Super Akquisiteur (Uni Paderborn) knows exactly what to do to get funding with DFG, we will interview him closely and integrate all his intuitions into the iPoWr templates.

Prof. Dr. Habe Nichts (Uni Hinterpufiteufel) has never gotten a grant proposal through with DFG, we will try to avoid his mistakes.

Dr. Sach Bearbeiter (DFG) will consult with the DFG requirements to be met in the proposals.

Dr. Donald Knuth (Stanford University) is so surprised that we want to do grant proposals in $\text{T}_{\text{E}}\text{X}/\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$ that he will help us with any problems we have in coding in this wonderful programming language.

5.4.2 Scientific Collaborations in the past Three Years

5.5 Scientific Equipment

Jacobs University provides laptops or desktop workstations for all academic employees. Great Consulting GmbH. is rolling in money anyways and has all of the latest gadgets.

5.6 Project-Relevant Interests in Commercial Enterprises n/a

6 Additional Information

Funding proposal XYZ-83282 has been submitted prior to this proposal on related topic XYZ.