

Vtu guidelines for project report Textbook

Understanding VTU Guidelines for Project Report

VTU guidelines for project report are essential for engineering students pursuing their final year projects at Visvesvaraya Technological University (VTU). These guidelines ensure that students prepare comprehensive, well-structured, and standardized reports that reflect their technical knowledge, research skills, and adherence to academic standards. Properly following these guidelines not only helps in securing good grades but also prepares students for professional documentation practices in their careers.

This article provides an in-depth overview of the VTU project report guidelines, including structure, formatting, content requirements, submission procedures, and important tips to ensure compliance and excellence in report preparation.

Importance of Adhering to VTU Project Report Guidelines

Understanding and adhering to VTU guidelines is crucial for several reasons:

- Standardization: Ensures consistency across all student reports.
- Academic Integrity: Demonstrates adherence to university standards.
- Clarity & Readability: Facilitates easy understanding and evaluation.
- Professionalism: Develops skills useful in industry documentation.
- Assessment & Evaluation: Helps examiners assess the work accurately.

Failure to follow these guidelines can result in rejection, delays, or grade deductions. Therefore, students must pay close attention to the detailed specifications provided by VTU.

Structure of the VTU Project Report

The VTU project report is typically divided into several sections, each serving a specific purpose. Below is a detailed outline of the recommended structure.

1. Cover Page

- Title of the project
- Name(s) of the student(s)

- Department and branch
- University name (VTU)
- College name and address
- Registration number
- Date of submission

Note: The cover page should be neat, and all details must be correctly spelled and formatted according to university standards.

2. Certificate

- A certificate from the project guide confirming the authenticity and originality of the work.
- Usually includes the signature of the guide, date, and college seal.

3. Acknowledgement

- Express gratitude towards mentors, faculty, and others who assisted.
- Keep it professional and concise.

4. Abstract

- A brief summary (about 150-200 words) highlighting the purpose, methodology, main findings, and conclusions.
- Clear and straightforward language.

5. Table of Contents

- List of chapters, sections, and subsections with page numbers.
- Use consistent numbering and indentation.

6. List of Figures and Tables

- Enumerate all figures and tables included in the report with page references.

7. List of Symbols and Abbreviations

- Define technical symbols, abbreviations, and acronyms used throughout the report.

8. Introduction

- Background and motivation for the project.
- Objectives and scope.
- Importance of the work.

9. Literature Survey / Review

- Summary of existing research, technologies, or products related to the project.
- Critical analysis highlighting gaps your project aims to address.

10. Methodology / System Design

- Detailed description of the approach, techniques, and tools used.
- System architecture diagrams, flowcharts, and design schematics.
- Algorithms or processes involved.

11. Implementation / Results

- Detailed explanation of the implementation process.
- Data, test cases, and results obtained.
- Graphs, charts, and images to support findings.

12. Discussions

- Analysis of results.
- Challenges encountered and solutions implemented.
- Limitations of the work.

13. Conclusions and Future Work

- Summarize key findings.
- Implications of the work.

- Suggestions for future improvements or research.

14. References / Bibliography

- List all sources cited in the report.
- Follow a standard referencing style (IEEE, APA, etc. as per VTU norms).

15. Appendices

- Additional material such as code listings, detailed calculations, raw data, etc.

Formatting Guidelines for VTU Project Reports

Proper formatting enhances readability and professionalism. The VTU guidelines specify the following:

- Page Size: A4 paper.
- Margins: Typically, 1.5 inches on the left, 1 inch on other sides.
- Font Type and Size: Times New Roman or Arial, size 12 for text; headings may be larger.
- Line Spacing: 1.5 lines for the main text.
- Paragraphs: Justified alignment with indentation.
- Numbering: Page numbers at the bottom center or top right.
- Headings: Use consistent font size and style; headings should be clearly distinguished.

Content and Technical Guidelines

To ensure the report meets VTU standards, students must focus on the following content-specific points:

Clarity and Precision

- Use clear, concise language.
- Avoid unnecessary jargon; explain technical terms.

Originality and Plagiarism

- Ensure all work is original or properly cited.
- Use plagiarism detection tools if necessary.

Technical Accuracy

- Verify calculations, data, and results.
- Use correct units, symbols, and terminologies.

Use of Visuals

- Incorporate diagrams, charts, and images where applicable.
- Label all visuals clearly with figure/table numbers and captions.

Submission and Evaluation Procedures

The process of submission includes several steps:

- Guidance and Approval: Get project topic approved by faculty guide.
- Draft Preparation: Prepare initial drafts and seek feedback.
- Final Report: Incorporate feedback and prepare the final version.
- Submission: Submit the report in the college as per schedule.
- Viva Voce: Be prepared for a viva examination based on the report.

Evaluation criteria generally include originality, technical content, report presentation, and the quality of the viva.

Tips for Preparing a Successful VTU Project Report

- Start Early: Avoid last-minute rushes.
- Follow Guidelines Rigorously: Refer to the official VTU manual.
- Maintain Consistency: Uniform formatting, numbering, and style.
- Proofread: Check for grammatical, spelling, and formatting errors.
- Seek Feedback: Regularly consult your guide and peers.
- Use Quality Visuals: Clear diagrams and tables enhance understanding.
- Document Everything: Keep records of experiments, data, and progress.

Conclusion

Adhering to the **VTU guidelines for project report** is fundamental to showcasing your technical abilities and professionalism. A well-structured, thoroughly documented report reflects your understanding of the subject and your capability to communicate complex ideas effectively. By following the outlined structure, formatting, and content tips, students can produce high-quality reports that meet university standards and stand out during evaluation.

Remember, the project report is not just an academic requirement but also a reflection of your research skills and dedication. Invest time in understanding the guidelines, plan your work accordingly, and aim for excellence in every aspect of your report. This disciplined approach will not only help you succeed academically but also prepare you for future engineering challenges in your career.

VTU Guidelines for Project Report: A Comprehensive Review

In the realm of technical education, particularly within the Visvesvaraya Technological University (VTU) framework, the submission of a well-structured project report is a pivotal component of academic assessment. The VTU guidelines for project report serve as a blueprint that ensures students produce comprehensive, standardized, and quality documentation of their project work. This article delves into the intricacies of these guidelines, examining their purpose, structure, detailed requirements, and best practices to assist students, faculty, and evaluators in understanding and adhering to the prescribed standards.

Understanding the Purpose of VTU Project Report Guidelines

The primary objective of the VTU project report guidelines is to maintain uniformity and quality in the presentation of student projects across various disciplines and colleges affiliated with the university. These guidelines aim to:

- Ensure clarity and coherence in documenting project work.
- Facilitate effective evaluation by faculty members.
- Promote best practices in technical writing and reporting.
- Serve as a record for future reference and industry use.

By establishing a standard format and content expectations, VTU seeks to elevate the professionalism and credibility of student projects, which can significantly impact their academic and professional pursuits.

Structural Components of the VTU Project Report

A typical VTU project report encompasses several essential sections, each serving a specific

purpose. While the detailed structure may vary slightly depending on the discipline or specific project requirements, the fundamental components generally include:

1. Cover Page

- Project title
- Student's name and registration number
- Department and college details
- Guide's name
- Submission date

2. Certificate

- A declaration from the student confirming originality.
- Signatures of the student and guide.

3. Acknowledgement

- Expression of gratitude towards those who assisted in the project.

4. Abstract

- Concise summary of the project, objectives, methodology, and key outcomes (typically 200-300 words).

5. Table of Contents

- List of chapters, sections, figures, tables, and appendices with page numbers.

6. List of Figures and Tables

- Enumerates all figures and tables included in the report for quick reference.

7. Introduction

- Background and motivation for the project.
- Problem statement and objectives.
- Scope and limitations.

8. Literature Review / Existing Work

- Summary of relevant research, technologies, or methods.
- Identification of gaps addressed by the project.

9. Methodology / System Design

- Detailed description of the approach, algorithms, hardware, software tools used.
- Diagrams, flowcharts, and architecture diagrams.

10. Implementation / Results

- Step-by-step implementation details.
- Experimental setup, data collection, and analysis.
- Results with supporting figures, tables, and graphs.

11. Discussions

- Interpretation of results.
- Evaluation of the project's effectiveness.
- Challenges faced and how they were overcome.

12. Conclusions and Future Work

- Summary of achievements.
- Suggestions for further research or improvements.

13. References / Bibliography

- List of all sources cited, following a standard referencing style.

14. Appendices

- Additional material like code snippets, raw data, or supplementary information.

Detailed Guidelines for Each Section

Formatting and Presentation

- Use A4 size paper with 1.5 line spacing.
- Font: Times New Roman or Arial, size 12.
- Margins: 1 inch on all sides.
- Justify text alignment.
- Number pages sequentially, starting from the first page of the content (excluding cover page).

Content Quality and Clarity

- Write in clear, concise, and formal language.
- Avoid grammatical errors and spelling mistakes.
- Use technical terminology appropriately.
- Include diagrams, flowcharts, and illustrations where necessary for clarity.

Referencing and Citations

- Properly cite all references, images, and data sources.
- Use a consistent citation style, such as IEEE or APA, as prescribed by VTU.

Figures and Tables

- Number figures and tables sequentially (e.g., Fig. 1, Table 1).
- Provide descriptive captions.
- Refer to all figures and tables within the text.

Originality and Plagiarism

- Ensure the report is original work.

- Properly paraphrase and cite sources to avoid plagiarism.

Common Pitfalls to Avoid in VTU Project Reports

- Incomplete or vague methodology: Detailed steps and reasoning should be clearly documented.
- Poor presentation: Inconsistent formatting, illegible diagrams, or unorganized content detract from quality.
- Lack of validation: Results should be verified, and limitations should be acknowledged.
- Ignoring guidelines: Deviating from the prescribed format or content can result in rejection or low grades.
- Plagiarism: Copying content without proper attribution undermines academic integrity.

The Role of Supervisor and Examination Committee

Supervisors play a crucial role in guiding students to adhere to VTU guidelines throughout the project lifecycle. Regular reviews and feedback ensure the report aligns with academic standards. Upon completion, the examination committee evaluates the report based on clarity, technical depth, presentation, and adherence to guidelines.

Impact of Properly Following VTU Guidelines

Adhering to the VTU guidelines for project reports not only facilitates a smoother evaluation process but also enhances the student's technical communication skills. A well-prepared report reflects professionalism, attention to detail, and mastery over the project content, which are valuable traits in industry and research domains.

Moreover, standardized reporting fosters consistency across the university, enabling educators and industry stakeholders to assess projects effectively and compare work on a fair basis.

Conclusion

The VTU guidelines for project report serve as a comprehensive framework designed to uphold quality, uniformity, and academic integrity in student project documentation. Understanding and meticulously following these guidelines is imperative for students aspiring to showcase their technical prowess effectively. As the academic landscape increasingly emphasizes research and innovation, mastery over report writing standards becomes an essential skill that transcends university boundaries, preparing students for professional excellence.

By paying close attention to each component, maintaining high standards of presentation, and ensuring originality, students can produce impactful reports that not only fulfill academic

requirements but also stand as a testament to their technical competence and dedication.

Final Note: Students and faculty are encouraged to refer to the latest official VTU project report guidelines and any updates issued by the university to ensure compliance and to leverage any new enhancements in formatting or content expectations.

Question What are the general guidelines for preparing a VTU project report? VTU recommends including a cover page, certificate, acknowledgement, abstract, table of contents, introduction, literature review, methodology, results, discussions, conclusions, references, and appendices, following a specific format and font size for uniformity. How should the cover page of the VTU project report be designed? The cover page must include the project title, student's name, registration number, department, college name, VTU logo, and submission date, all centered and formatted as per VTU guidelines. What is the recommended font size and style for the VTU project report? The preferred font style is Times New Roman or Arial with a font size of 12 for the main text and 14 for headings, ensuring clarity and consistency throughout the report. Are there specific page layout and margin requirements for the VTU project report? Yes, the standard page layout includes 1-inch margins on all sides, with the report typically formatted in A4 size, and page numbering starting from the introduction or table of contents. What content should be included in the 'Abstract' section of a VTU project report? The abstract should briefly summarize the objectives, methodology, key findings, and conclusions of the project, typically within 200-300 words. Are there specific referencing styles recommended by VTU for project reports? VTU recommends using a consistent referencing style such as IEEE or APA throughout the report for citing books, journals, websites, and other sources. How should the 'Results and Discussions' section be structured in a VTU project report? This section should present experimental or analytical results with appropriate tables, figures, and graphs, followed by a discussion interpreting the significance of the findings. What are the common mistakes to avoid while preparing a VTU project report? Common errors include poor formatting, lack of clarity, incorrect referencing, plagiarism, incomplete or inconsistent data, and exceeding or falling short of the prescribed guidelines. Is there a specific template provided by VTU for project reports? VTU provides a standard format and guidelines, but students are advised to follow the prescribed format strictly and may use available templates for uniformity. How should references and appendices be organized in the VTU project report? References should be listed alphabetically or numerically at the end of the report, following the chosen citation style, while appendices should include supplementary material like raw data, code, or detailed calculations.

Related keywords: VTU project report guidelines, VTU project report format, VTU project report structure, VTU project report writing tips, VTU project report template, VTU project report instructions, VTU project report submission, VTU project report layout, VTU project report samples, VTU project report essentials

MBA PROJECT IN PROJECT MANAGEMENT

mba project in project management is a critical milestone for students pursuing a Master of Business Administration, particularly those specializing in project management. It serves as a comprehensive demonstration of their understanding, skills, and ability to apply theoretical concepts to real-world scenarios. An effective MBA project in project management not only enhances academic credentials but also equips students with practical insights that can propel their careers in various industries.

Understanding the Significance of an MBA Project in Project Management

Why Is an MBA Project Important?

An MBA project in project management is essential for several reasons:

- Practical Application: It allows students to apply classroom concepts to real-life projects.
- Skill Development: Enhances critical skills such as planning, execution, risk management, and communication.
- Industry Readiness: Prepares students for challenges faced in managerial roles.
- Research and Innovation: Encourages innovative solutions to complex project issues.
- Academic Credential: Serves as a testament to a student's expertise and readiness for leadership roles.

Goals of an MBA Project in Project Management

The primary objectives include:

- Analyzing project management methodologies.
- Developing effective project strategies.
- Assessing risk and resource management.
- Demonstrating leadership and team coordination.
- Providing actionable recommendations for project success.

Choosing the Right Topic for Your MBA Project

Factors to Consider

Selecting a relevant and manageable topic is crucial. Consider:

- Interest areas within project management (e.g., Agile, Waterfall, Risk Management)
- Availability of data and resources
- Industry relevance and current trends
- Scope and feasibility within the given timeframe
- Potential for practical impact and contribution to the field

Popular Topics for MBA Projects in Project Management

Some trending topics include:

- Implementation of Agile methodologies in large organizations
- Risk assessment and mitigation strategies in IT projects
- Effectiveness of stakeholder management in construction projects
- Use of project management software to enhance efficiency
- Sustainable project management practices
- Cost control techniques in large-scale projects
- Impact of leadership styles on project success

Structuring Your MBA Project in Project Management

Key Components of the Project Report

A well-structured report typically includes:

- **Introduction:** Background, problem statement, and objectives
- **Literature Review:** Existing research and theoretical frameworks
- **Methodology:** Research design, data collection methods, and analysis techniques
- **Project Planning and Execution:** Tools, techniques, and processes used
- **Findings and Analysis:** Data interpretation and insights
- **Discussion:** Implications, limitations, and recommendations
- **Conclusion:** Summary of key findings and future scope
- **References and Appendices:** Supporting documents and sources

Methodologies Commonly Used

- Case Study Analysis: Deep dives into specific projects
- Surveys and Questionnaires: Gathering stakeholder feedback
- Interviews: Expert insights and industry perspectives
- Quantitative Analysis: Statistical evaluation of project data
- Qualitative Methods: Thematic analysis of project challenges

Implementing Your Project: Best Practices

Effective Planning

- Define clear objectives and scope
- Develop a detailed work breakdown structure (WBS)
- Establish realistic timelines and milestones
- Allocate resources efficiently

Execution and Monitoring

- Use project management tools like MS Project, Primavera, or Jira
- Regularly track progress against milestones
- Manage risks proactively
- Communicate transparently with stakeholders
- Adapt to changes and update plans accordingly

Documentation and Reporting

- Maintain comprehensive records of all activities
- Prepare periodic status reports
- Document lessons learned and best practices

Evaluating the Success of Your MBA Project

Criteria for Evaluation

- Depth of research and analysis
- Practical relevance and applicability
- Clarity and coherence of the report
- Quality of data and insights

- Innovation and problem-solving approach
- Presentation skills

Feedback and Revision

- Seek feedback from supervisors and peers
- Incorporate suggested improvements
- Ensure the final report is polished and professional

Career Opportunities After Completing an MBA Project in Project Management

Job Roles and Sectors

Graduates can explore roles such as:

- Project Manager
- Program Manager
- Project Coordinator
- Construction Manager
- IT Project Lead
- Consultant in Project Management

Industries include construction, IT, manufacturing, healthcare, consulting, and government agencies.

Further Certifications and Education

Enhance career prospects by pursuing certifications like:

- PMP (Project Management Professional)
- PRINCE2
- Agile Certified Practitioner (PMI-ACP)
- Certified ScrumMaster (CSM)

Conclusion

An MBA project in project management is more than an academic requirement; it is a strategic

opportunity to demonstrate your expertise, problem-solving skills, and industry readiness. Selecting a relevant topic, following a structured approach, and applying best practices in project planning and execution will not only lead to a successful project but also pave the way for a rewarding career in project management. By showcasing your ability to analyze, innovate, and lead, your MBA project can serve as a cornerstone for your professional growth and industry recognition.

If you need further guidance on specific project ideas, methodology details, or report formatting, consider consulting industry experts or academic advisors to tailor your project to your career aspirations.

MBA Project in Project Management: A Comprehensive Guide to Success

Embarking on an MBA project in project management is a significant milestone for students pursuing advanced business education. It serves as a practical platform to apply theoretical knowledge, demonstrate managerial skills, and contribute valuable insights to real-world organizational challenges. Successfully completing such a project not only enhances your understanding of project management principles but also bolsters your resume, positioning you as a competent professional ready to lead complex initiatives.

In this detailed guide, we will explore the nuances of an MBA project in project management, covering everything from choosing the right project, planning, execution, analysis, to presenting your findings effectively. Whether you're at the initial stages or nearing completion, this resource aims to streamline your process and maximize your project's impact.

Understanding the Significance of an MBA Project in Project Management

An MBA project in project management is more than just a requirement for graduation; it is an opportunity to demonstrate your ability to manage initiatives from inception to completion. It allows students to:

- Apply project management frameworks like PMI's PMBOK, PRINCE2, or Agile methodologies.
- Develop problem-solving and critical thinking skills.
- Gain practical experience with project planning, execution, monitoring, and control.
- Showcase leadership, communication, and stakeholder management abilities.
- Produce tangible outputs that can be integrated into organizational processes or serve as case studies.

Choosing the Right Project Topic

Selecting an appropriate topic is the foundation of a successful MBA project. It should align with

your interests, career aspirations, and the needs of your target organization or industry.

Criteria for Selecting a Project Topic

- Relevance: The project should address a current issue or opportunity within an organization or industry.
- Feasibility: Ensure availability of data, resources, and access to stakeholders.
- Interest & Passion: Choose a topic that excites you to sustain motivation.
- Scope: The project should be manageable within the given timeframe and resources.
- Learning Potential: Aim for a project that offers valuable insights into project management practices.

Examples of MBA Project Topics in Project Management

- Implementation of Agile methodologies in software development firms.
- Risk management strategies in construction projects.
- Optimization of resource allocation in manufacturing projects.
- Stakeholder engagement practices in infrastructure development.
- Cost control techniques in IT projects.

Structuring Your MBA Project in Project Management

A well-structured project enhances clarity and ensures comprehensive coverage of essential components.

Typical Structure

- Title Page
- Abstract/Synopsis
- Table of Contents
- Introduction

- Background
- Objectives
- Significance

- Literature Review

- Theoretical frameworks
- Case studies

- Research Methodology

- Approach (qualitative, quantitative, mixed)
- Data collection methods
- Tools and techniques

- Project Planning

- Work Breakdown Structure (WBS)
- Gantt charts and schedules
- Resource planning

- Implementation/Execution

- Monitoring progress
- Communication plan
- Quality assurance

- Analysis & Findings

- Data interpretation
- Lessons learned

- Conclusions & Recommendations
- References
- Appendices

Planning Your Project Effectively

Successful project management hinges on meticulous planning. Here are key steps to create a robust plan:

- Define Clear Objectives and Scope
 - What are the specific goals?
 - What boundaries (scope) will you set to keep the project manageable?
- Develop a Work Breakdown Structure (WBS)
 - Break down the project into manageable tasks.
 - Assign responsibilities and deadlines.
- Create a Detailed Schedule
 - Utilize tools like Gantt charts for visualization.
 - Identify dependencies among tasks.
- Resource Allocation
 - Determine human, financial, and material resources needed.
 - Ensure availability and plan for contingencies.
- Risk Management
 - Identify potential risks.
 - Develop mitigation strategies.

- Stakeholder Analysis

- Identify key stakeholders.
- Develop engagement and communication plans.

Executing and Monitoring the Project

Implementation is where plans are put into action.

Key Activities During Execution

- Effective Communication: Regular updates through meetings, reports, or digital tools.
- Quality Control: Ensure deliverables meet quality standards.
- Change Management: Adapt to unforeseen circumstances with flexibility.
- Documentation: Keep detailed records for transparency and future reference.

Monitoring Techniques

- Progress Tracking: Use KPIs and milestones.
- Performance Reports: Weekly or bi-weekly updates.
- Earned Value Management: Measure project performance against planned schedule and costs.
- Issue Tracking: Document and resolve problems promptly.

Analyzing Results and Drawing Conclusions

Post-implementation, focus on evaluating project outcomes.

Data Analysis

- Use statistical tools and qualitative analysis to interpret data.
- Assess whether project objectives were achieved.

Lessons Learned

- Identify what worked well and what could be improved.
- Document best practices and pitfalls.

Impact Assessment

- Measure the overall impact on organizational processes or objectives.
- Gather stakeholder feedback.

Writing and Presenting Your MBA Project

Effective presentation enhances the credibility and impact of your work.

Writing Tips

- Be clear, concise, and logical.
- Use visual aids like charts, graphs, and tables.
- Support statements with data and references.
- Maintain academic integrity with proper citations.

Presentation Tips

- Prepare a compelling executive summary.
- Practice delivering a confident and engaging presentation.
- Anticipate questions and prepare answers.
- Highlight key findings, recommendations, and practical implications.

Conclusion

An MBA project in project management is a vital component that bridges academic learning with practical application. By carefully selecting a relevant topic, meticulously planning, executing effectively, and analyzing results critically, students can produce a project that not only fulfills academic requirements but also adds tangible value to organizations and their professional growth.

Remember, the success of your project depends on your dedication, analytical skills, and ability to communicate complex ideas clearly. Approach each phase systematically, leverage available resources, and seek guidance from mentors or industry experts. Ultimately, a well-executed MBA project can serve as a stepping stone toward a rewarding career in project management.

Embark on your MBA project journey with confidence, and transform your insights into impactful solutions that resonate beyond the classroom!

Question What are the key components of an MBA project in project management? An MBA project in project management typically includes an introduction, literature review, research methodology, data analysis, findings, conclusions, and recommendations, demonstrating practical application of project management theories and skills. How do I choose a relevant topic for my MBA project in project management? Select a topic that aligns with current industry trends, addresses a real-world problem, and interests you personally. Conduct preliminary research to ensure data availability and relevance, and consult with faculty or industry experts for guidance. What are the common challenges faced during an MBA project in project management? Common challenges include limited access to data, time constraints, integrating theoretical concepts with practical scenarios, managing stakeholder expectations, and ensuring project scope remains focused and manageable. How can I ensure the practical relevance of my MBA project in project management? Focus on solving real industry problems, incorporate case studies, engage with industry professionals, and apply recognized project management frameworks to ensure your project offers valuable insights and solutions. What tools and software are recommended for MBA projects in project management? Popular tools include Microsoft Project, Primavera, Trello, Asana, and MS Excel for data analysis. Familiarity with project management software enhances the quality of planning, scheduling, and reporting in your project. How should I structure my MBA project report in project management? A typical structure includes the title page, abstract, introduction, literature review, methodology, data analysis, findings, conclusions, recommendations, references, and appendices, ensuring clarity and coherence throughout. What skills are essential for successfully completing an MBA project in project management? Key skills include research and analytical skills, project planning, effective communication, time management, problem-solving, proficiency with project management tools, and the ability to synthesize complex information clearly.

Related keywords: MBA project, project management thesis, project management coursework, project planning, project execution, project control, project management case studies, MBA dissertation, project management strategies, capstone project in project management

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