
name: 🚀 Feature Request
about: Suggest an idea for the Pipeline Automation Hub
title: '[FEATURE] '
labels: 'enhancement'
assignees: ''

Feature Summary

A clear and concise description of the feature you'd like to see added.

Problem Statement

Describe the problem this feature would solve. What use case or pain point does it address?

Proposed Solution

Describe the solution you'd like to see implemented.

Document Processing Impact

How would this feature affect document processing?

- ☐ PPT Processing Engine
- ☐ PDF Processing Engine
- ☐ Markdown Generation
- ☐ Metadata Extraction
- ☐ Cross-Reference System
- ☐ Recursive Build System
- ☐ Dashboard/UI
- ☐ API Endpoints
- ☐ Other: _____

User Interface Mockups

If applicable, add sketches, mockups, or descriptions of the UI changes.

Workflow Integration

How should this feature integrate with existing workflows?

- ☐ CI/CD Pipeline
- ☐ DMIAC Workflows
- ☐ GitHub Integration
- ☐ Authentication System
- ☐ File Management
- ☐ Other: _____

Technical Considerations

- **Complexity:** Low / Medium / High
- **Breaking Changes:** Yes / No
- **Dependencies:** List any new dependencies needed
- **Performance Impact:** Describe potential performance implications

Success Criteria

How would we measure the success of this feature?

- ☐ Performance metrics
- ☐ User adoption
- ☐ Processing efficiency
- ☐ Error reduction
- ☐ Other: _____

Alternative Solutions

Describe alternatives you've considered and why this solution is preferred.

Related Features

- Link to related feature requests
- Reference similar functionality in other tools
- Mention any dependencies on other features

Implementation Checklist

Rough breakdown of implementation steps:

- ☐ Research and design
- ☐ Backend/API changes
- ☐ Frontend/UI changes
- ☐ Database schema updates
- ☐ Documentation updates
- ☐ Testing implementation
- ☐ CI/CD pipeline updates

Priority

How important is this feature to you?

- ☐ Critical (blocks current workflow)
- ☐ High (significantly improves workflow)
- ☐ Medium (nice to have improvement)
- ☐ Low (minor enhancement)

User Stories

Describe how different users would interact with this feature:

As a document processor, I want...

So that I can...

As a system administrator, I want...

So that I can...

As a developer, I want...

So that I can...



Additional Context

Add any other context, screenshots, or examples about the feature request.



References

- Links to documentation
 - Similar features in other tools
 - Research or articles supporting this feature
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For Maintainers

- ☐ Feature feasibility assessed
- ☐ Technical design reviewed
- ☐ Priority assigned
- ☐ Milestone assigned
- ☐ Implementation plan created