

Conception et Paradigmes de Programmations par la Pratique

M1 MIAGE GROUPE 2

BR





PRESENTATION DE MICRODOWN



MICRODOWN ET LES EXTENSIONS

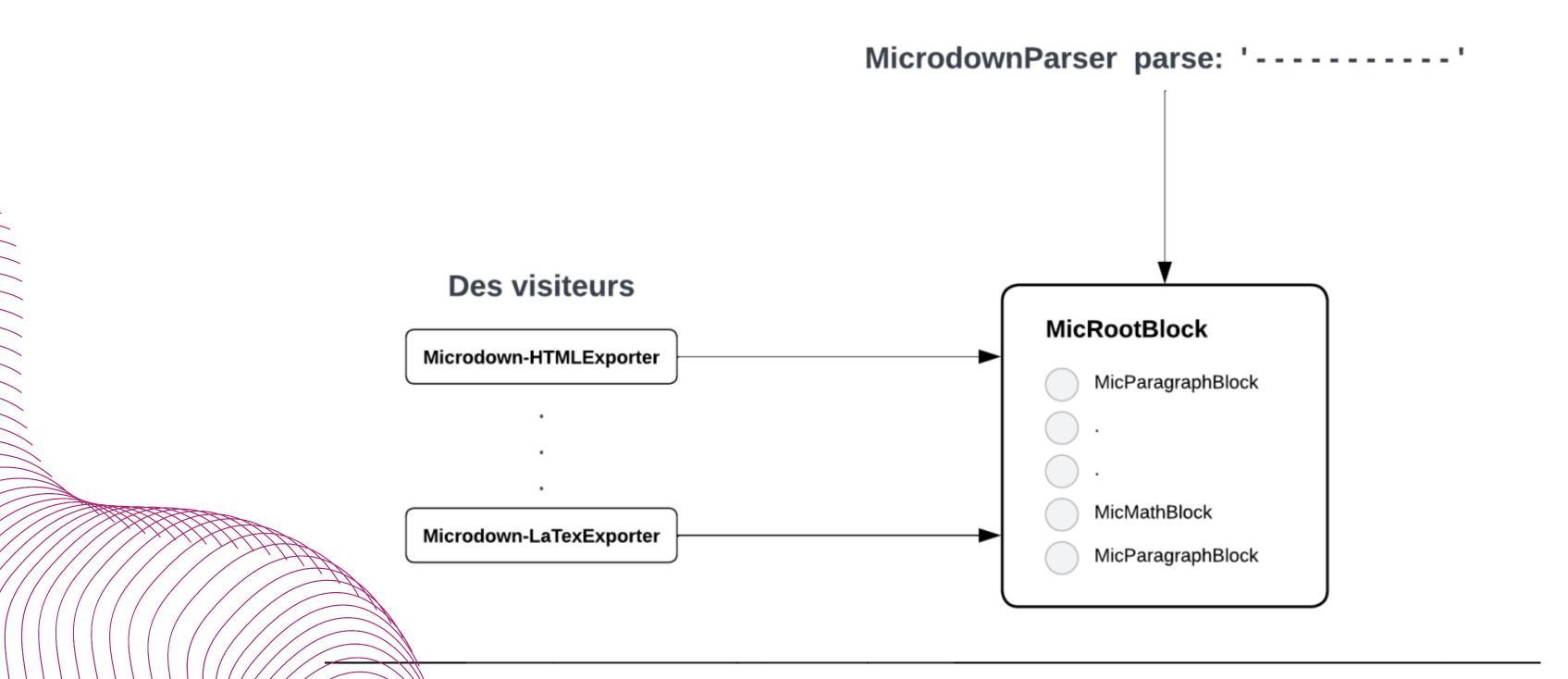


EXTENSION - MATHCHECKER





ACQUIS DURANT LA REALISATION DU PROJET



Langages de balisage: Description de la structure du document écrit (titre, paragraphes, sauts de ligne, passages en gras ou en italique, etc.)

Exemple: le HTML



Concept

- Langage de balisage basé sur Markdown
- Reprend des éléments de Pillar
- Parser génerant un arbre de document



Utilisations

- Commentaire de classe
- Livre
- Slides
- Documentation en Pharo



Propriétés

- Conception minimale mais riche en fonctionnalités
- Reutilisation de Markdown et de Pillar
- se base sur les **Visitors**

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▼ C MicAbstractBlock

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MicListItemBlock

MicRootBlock

▶ © MicSingleLineBlock

▼ © MicEnvironmentBlock

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MicCodeBlock

MicMathBlock

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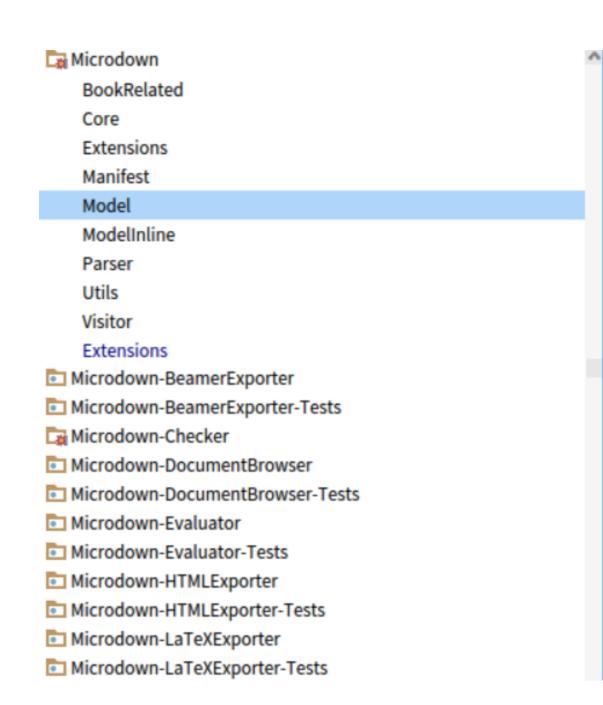
▶ © MicAbstractAnnotatedBlock

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BLOCKS

Forme un arbre/ hiérarchie

- Blockquotes
- Paragraphes
- Listes
- •



INLINES

- Lignes
- Italiques
- Gras
- Maths
- ...

▼ Microdown BookRelated Core Extensions Manifest Model ModelInline Parser Utils Visitor Extensions Microdown-BeamerExporter Microdown-BeamerExporter-Tests Microdown-Checker ▶ ■ Microdown-DocumentBrowser ▶ Microdown-DocumentBrowser-Tests Microdown-Evaluator Microdown-Evaluator-Tests ▶ Microdown-HTMLExporter ▶ Microdown-HTMLExporter-Tests ▶ Microdown-LaTeXExporter ▶ Microdown-LaTeXExporter-Tests Eiltor

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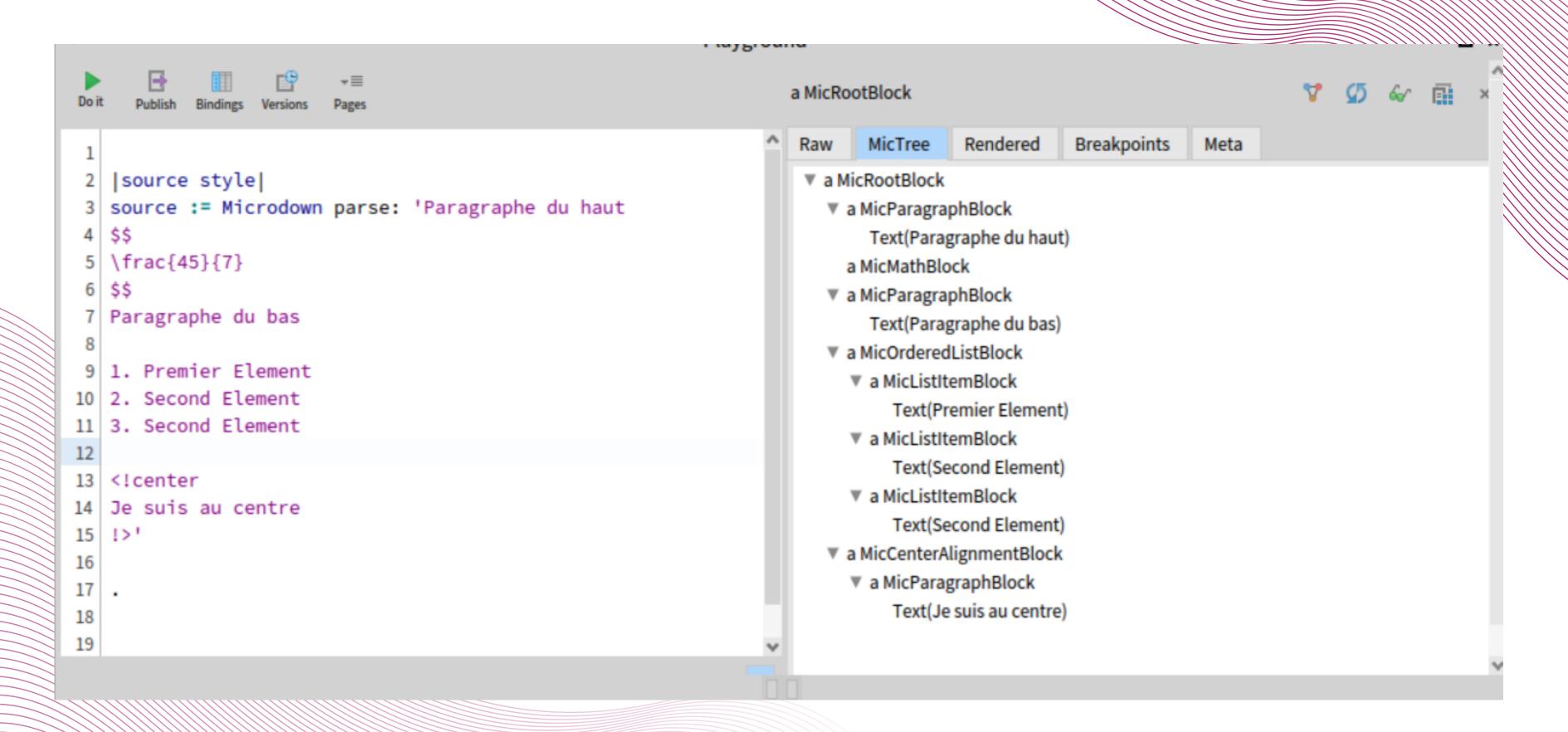
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MicRawBlock

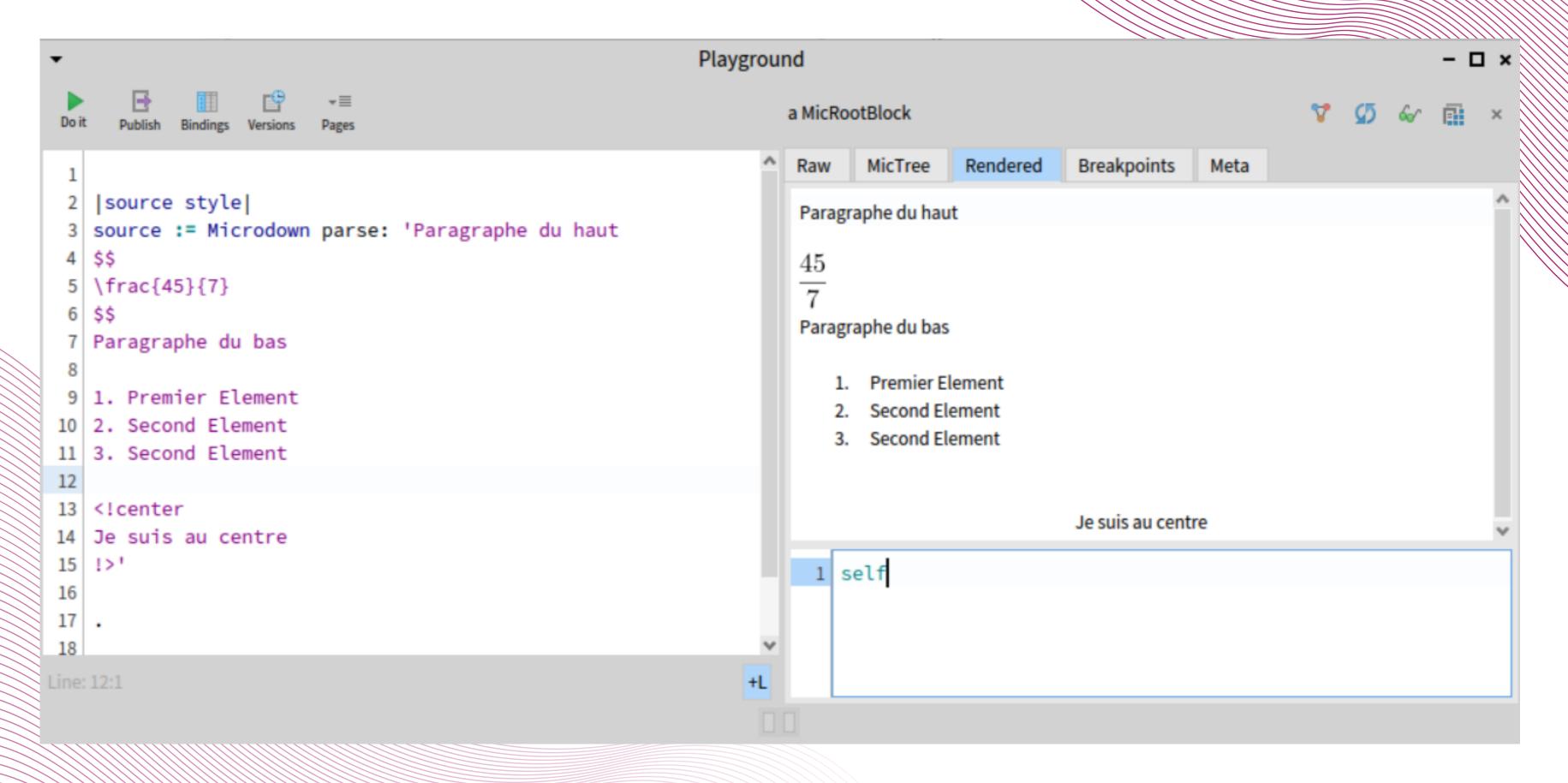
MicTextBlock

Eiltor

MICRODOWN UN PARSER



MICRODOWN UN PARSER





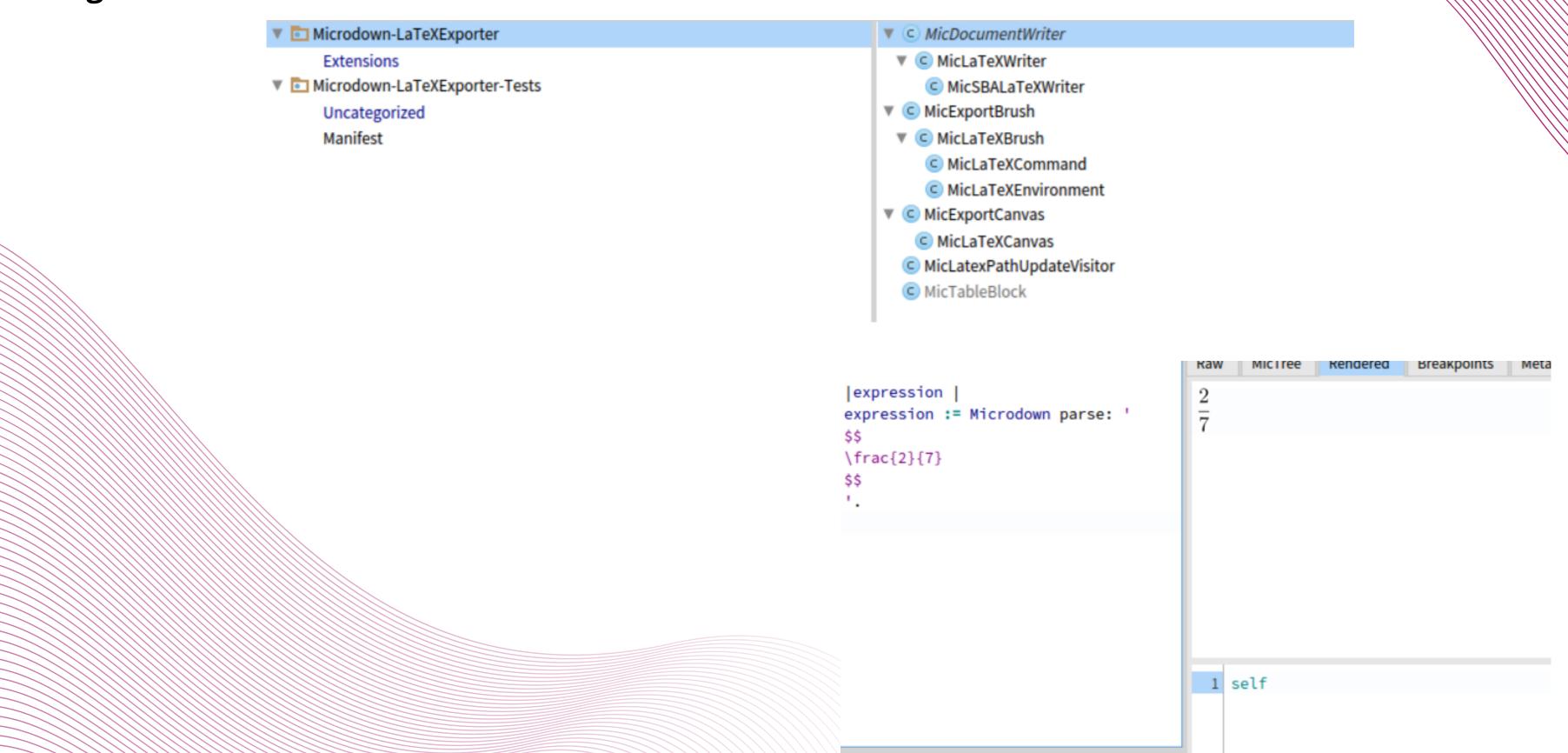
Un Visitor sur MICRODOWN

Extension ajoutée

- Microdown
 - Microdown-BeamerExporter
 - Microdown-BeamerExporter-Tests
 - Microdown-Checker
- ▶ Microdown-DocumentBrowser
- ▶ image: Microdown-DocumentBrowser-Tests
- ▶ Microdown-Evaluator
 - Microdown-Evaluator-Tests
- ▶ Microdown-HTMLExporter
- ▶ Microdown-HTMLExporter-Tests
- ▶ Microdown-LaTeXExporter
- Microdown-LaTeXExporter-Tests
- Microdown-MathFlaky-Tests
- ▶ Microdown-Pharo-Tools
 - Microdown-PrettyPrinter
 - Microdown-PrettyPrinter-Tests
- ▶ ☐ Microdown-RichTextComposer
- Microdown-RichTextComposer-Tests
- ▶ Microdown-RichTextPresenter
 - Microdown-RichTextPresenter-Tests
- Microdown-Tests
- Microdown-Transformer
- Microdown-Transformer-Tests

Microdown-LatexExporter

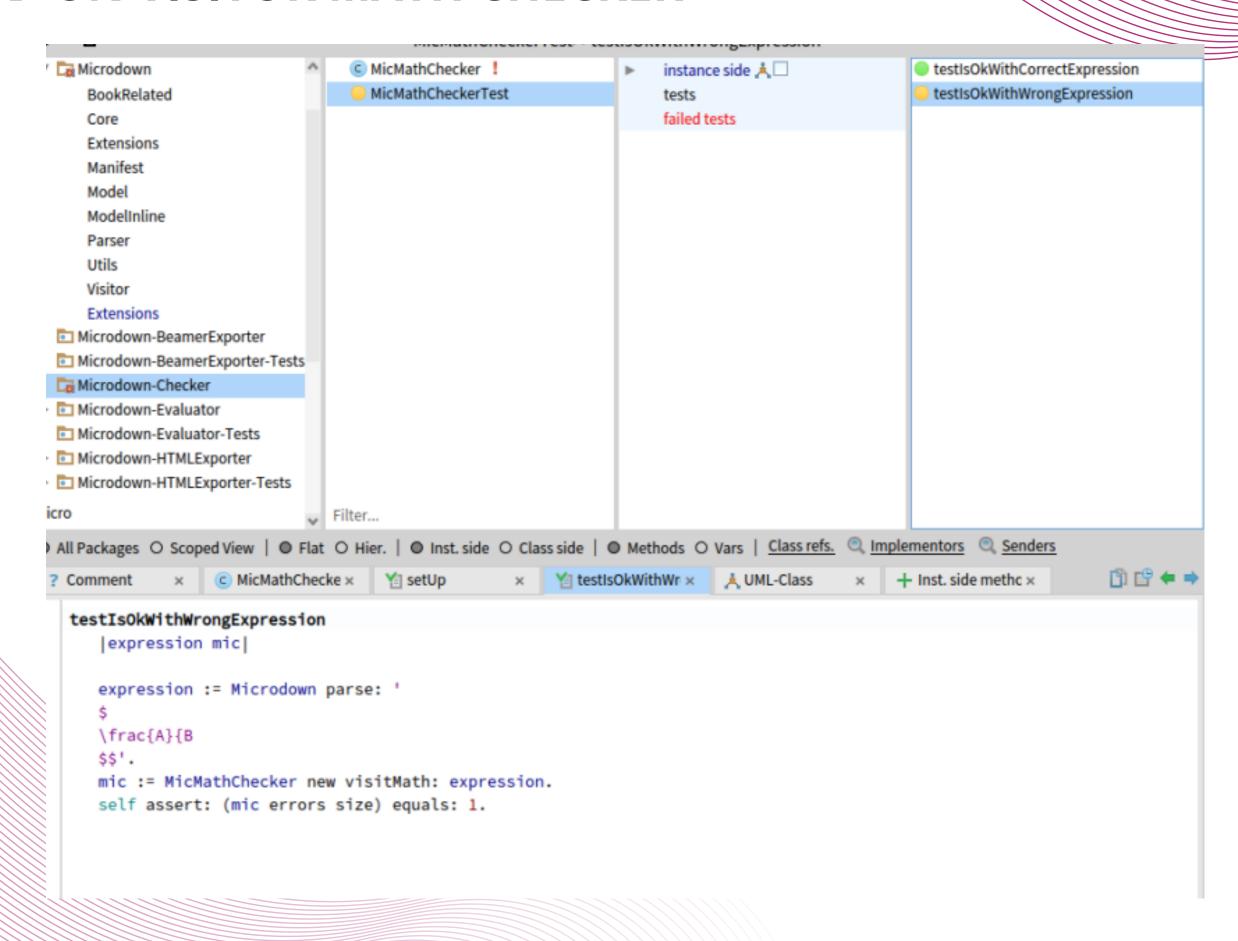
Extension envoyant une expression Mathématique sur Le serveur Latex, pour en exporter une image.



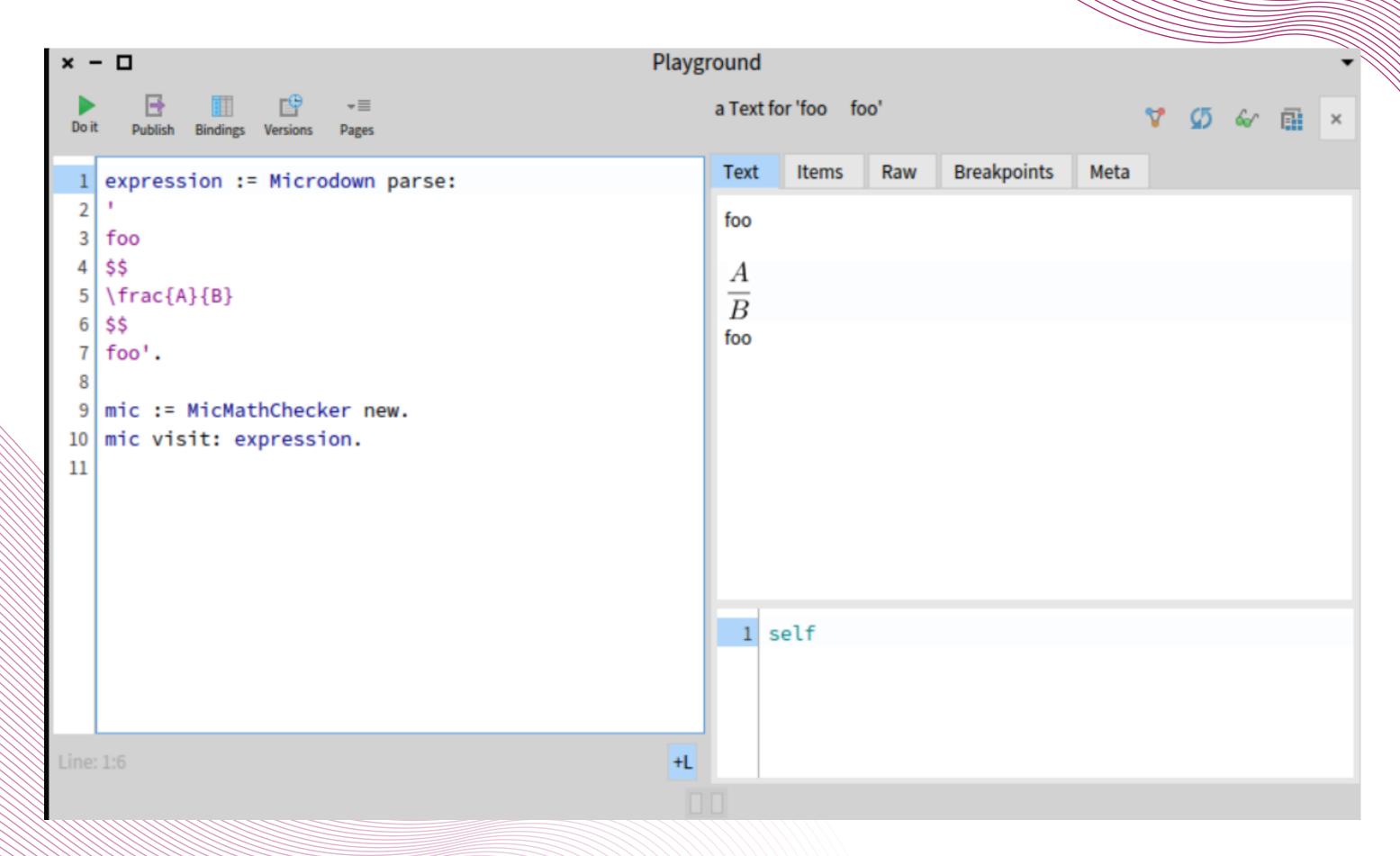
Comment s'assurer qu'une bonne expression Mathématique soit envoyée sur le serveur LATEX?



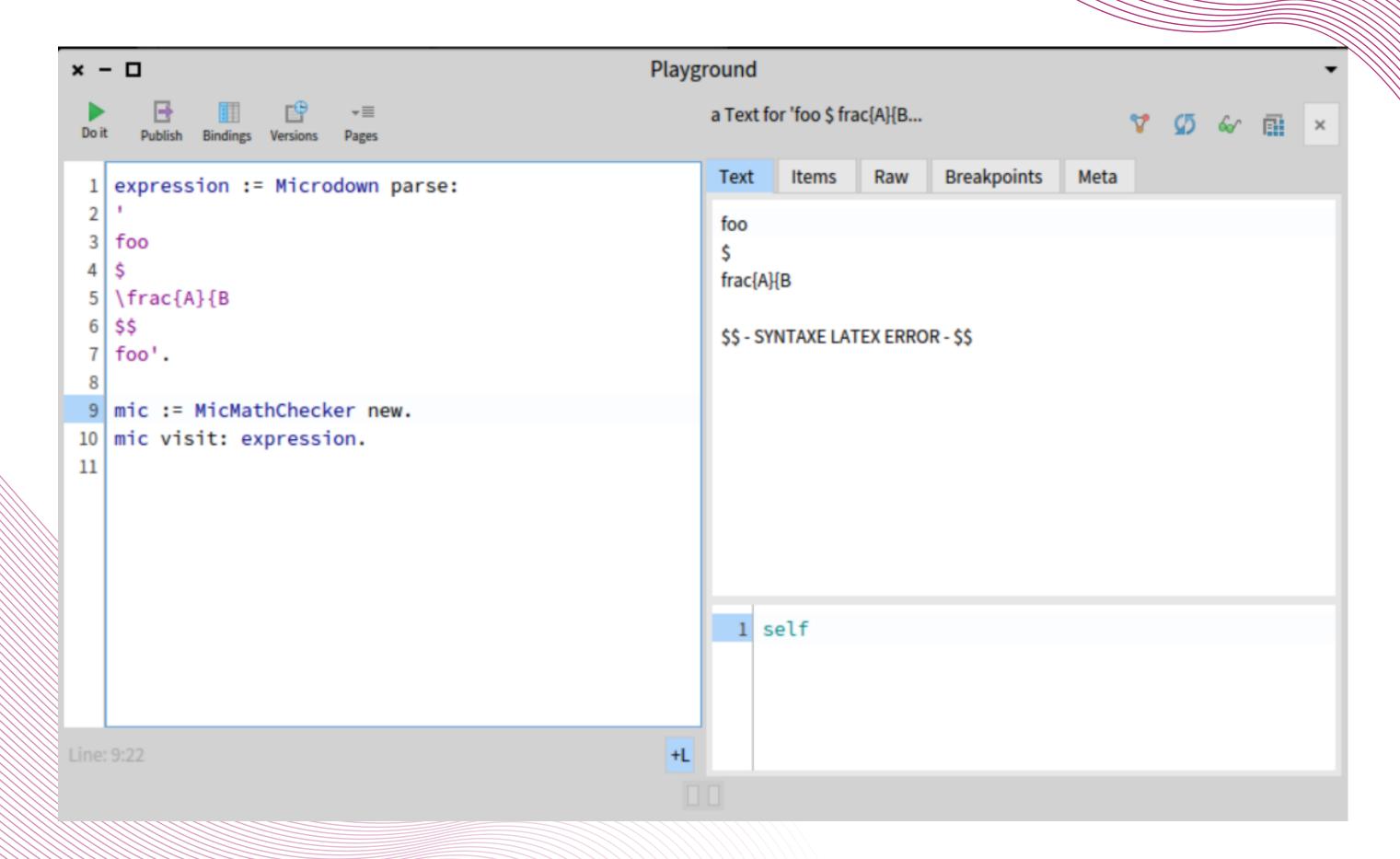
CREATION D'UN VISITOR MATH CHECKER



TEST SUR UNE BONNE EXPRESSION MATHEMATIQUE



TEST SUR UNE MAUVAISE EXPRESSION MATHEMATIQUE





- COMPRENDRE MICRODOWN
- REVERSE ENGEENIREENG
 - Debugger
 - Implementations
- LES VISITORS

MERCIDE VOTRE ATTENTION