

# Parsoid Read Views

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# End goal

Use Parsoid for all wikitext processing

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***Then improve wikitext!***

# Why Parsoid?

- Core parser cannot support Parsoid clients (VE, etc.)
- Parsoid's annotated HTML provides more semantic information (for editing, bots, gadgets, etc)
- Two parsers not tenable and hamstrings future feature work
- Long-term transition to manipulation of balanced DOM trees & predictable composition of rich-typed fragments

# Parsoid for readers

- Parsoid has been in use beneath VisualEditor for about 10 years now (also CX, DT, Flow, Mobile Apps, Kiwix, etc), but:
  - Original implementation language incompatible with core
  - Original caching infrastructure incompatible with core
  - Page metadata and “uneditable” features of the page generally not supported (example: category metadata, section edit links)
- Hence: the Parser Unification project

# Some milestones

## Functionality

- ✓ Equivalent ParserOutput, ParserOptions interfaces
- ➔ Build a robust and cacheable post-processing pipeline

## Rendering

- ✓ Support editing products, migrate from HTML4 Tidy to a HTML5 “tidier”
- ✓ Migrate core parser to use Parsoid HTML for media wikitext
- ➔ Use Parsoid for “read views”, starting with opt-in & Discussion Tools

# How you can help!

- There is now an opt-in preference to use Parsoid to render articles on WMF projects.
- Not everything works yet: see [\[\[mw:Parsoid/Parser Unification/Known Issues\]\]](#)
- Help us find the /other/ stuff that doesn't work yet
  - Especially anything that blocks your daily use or editing of the wikis
- Help us test our community documentation and feedback mechanisms

**Demo Time!**



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