

Parsoid Read Views Demo

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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 were generally not supported (examples: category metadata, section edit links)

Hence: the **Parser Unification project**



Some milestones

Functionality

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

Rendering

- ✓ Support editing product, migrate from HTML4 Tidy to 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!