

# Flux Templating Language, May 11, 2012

*“Capacitors: Havvy, r3, Ryan ‘Bob’ Dean, Jeff Milner”*

## Problem Definition

- Build parser that will convert a custom markup language into MediaWiki Wikicode (used by Wikipedia)
- Compatible with MediaWiki, may be expanded in the future
- The parser will be done prior to the end of the current quarter.
- <http://mediawiki.org/>  
Written using Python 3.2

## Research/Analysis

- Researching current implementation of wikicode
- No currently existing templating language that compiles into WikiCode
- Many markup languages exist, we will draw inspiration from established syntax where possible

## Proposed Solution

- Current MediaWiki Wikicode is a nearly unreadable format with many complex features. We will produce an alternative language that will implement all of the features in Wikicode, but using a cleaner syntax. This markup language (flux) will compile into valid Wikicode.

## Potential Applications

- Flux will compile into valid Wikicode at the end of this project.
- It will be constructed with the idea of inclusion into a fully realized wiki (later project)

