

# Recommended Reading

To learn more about the system, you may want to read:

- Book chapters
  - *The strength of metacircular virtual machines: Jikes RVM*, appearing in [Beautiful Architecture](#), January 2009. Chapter by Ian Rogers and David Grove, editors Diomidis Spinellis and Georgios Gousios, O'Reilly publishers.
- [Papers](#)
  - Historical overview of project ([Apr. 2005](#))
  - Technical summary of the structure of the system ([Jan. 2000](#))
  - Writing in Java ([Nov. 1999](#))
  - MMTk, the memory management system (the listed papers are available via [Steve Blackburn's website](#))
    - modular design and performance impact: *Oil and Water? High Performance Garbage Collection in Java with MMTk*, ICSE 2004, May 2004
    - performance study: *Myths and Realities: The Performance Impact of Garbage Collection*, SIGMETRICS — Performance 2004, June 2004
  - Adaptive optimization system ([Oct. 2000, Nov. 2004](#))
  - Porting the system to Linux/IA32 ([Aug. 2002](#))
- [Tutorial slides](#)
  - MMTk memory management toolkit ([Oct. 2004](#))
  - [Optimizing compiler and adaptive system](#) ([Nov. 2002](#))
  - [Complete system](#) ([Sept. 2001](#))
  - General field of [dynamic compilation and adaptive optimization](#) ([June. 2004](#))
- [User Guide](#)