RADCAL: new semantics for arithmetic

Keywords: JVM, arithmetic, Midpoint Radius Algebra

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More information:

• RADCAL: new semantics for arithmetic
  - RadCal is a design for programming language arithmetic with 100% exact rationals, and automatic precision management for reals based on midpoint radius algebra.
  - No more floating point errors
  - No more implicit inaccuracy
  - No more cumulative errors
• Looking for a Java/OO specialist to prototype and evaluate smart implementations on the JVM
• Learn from open-source competitors
• Make it fast, faster, fastest.
• For applications in DSLs and Rascal MPL

This project may be hosted at TUE/CWI.