



# GEORGEJAMES

S O F T W A R E

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## Mumps code transformation using RE/parser

GT.M + PIP Technology Exchange :: October 17, 2008



- There are 10 kinds of people...
- those that understand binary and those that don't.
- Q: How many people can read hex, if only you, me and dead people can read hex?
- A: deaf
- A seasonal joke:
- Q: Why can't programmers tell the difference between Halloween and Christmas?
- A: Because OCT 31 = DEC 25



## RE/parser :: What is it?

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- Generic code parser
  - Mumps ANSI 95
  - Cache
  - XML
- Input
  - Source code
  - Driver based
- Process
  - Triggers
  - Extensible
- Output
  - Transformed source code
  - Data



## RE/parser :: What's it good for?

- Code validation
  - Syntax checking
  - Standards compliance
  - Coding conventions (VistA SAC)
- Code transformation
  - Porting across Mumps implementations
  - i18n and l10n (eg VistA in Spanish)
  - Code restructuring and normalisation
- Other
  - Complexity Metrics
  - Impact analysis
  - etc



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Demo



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# Thank you

Questions?