A #lang for All Seasons

Ben Greenman,
Racket Con 2015

"One who remains true to himself and his beliefs while adapting to all circumstances and times, despite external pressure or influence"

iPoe

Interactive Poetry Editor

http://github.com/bennn/ipoe

Document1 - Microsoft Word

File Edit View Insert Format Tools Table Window Help

Type a question for help

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Microsoft®
Word

New Document

Open a document
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Microsoft Word
More documents...

New
Blank Document
Blank Web Page
Blank E-mail Message

New from existing document
Choose document...

New from template
General Templates...
Templates on my Web Sites...
Templates on Microsoft.com

Add Network Place...
Microsoft Word Help
Show at startup

Draw AutoShapes

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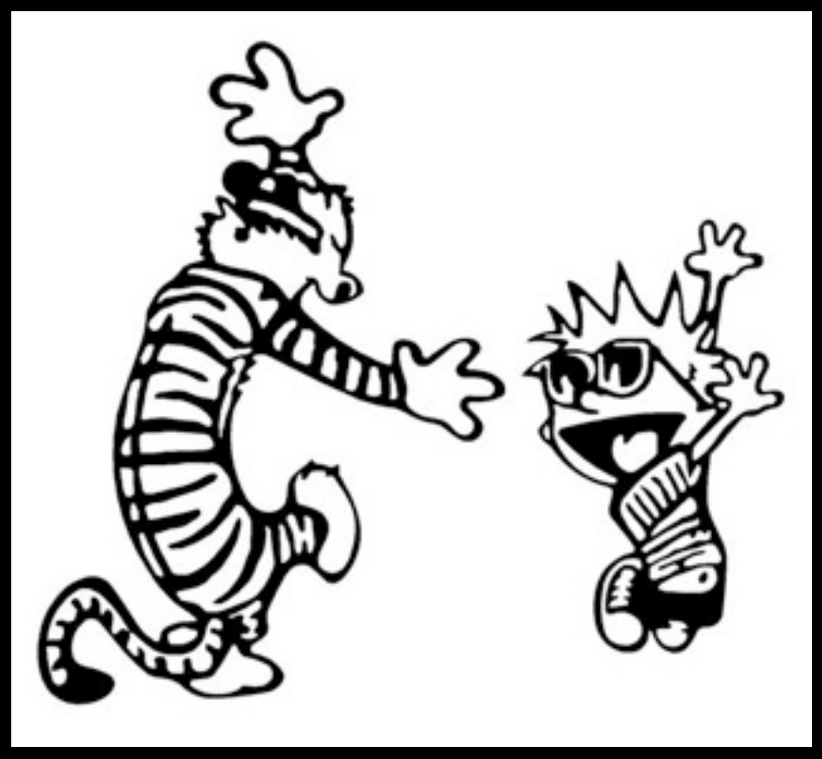
Ye olde 2000 A.D. ...



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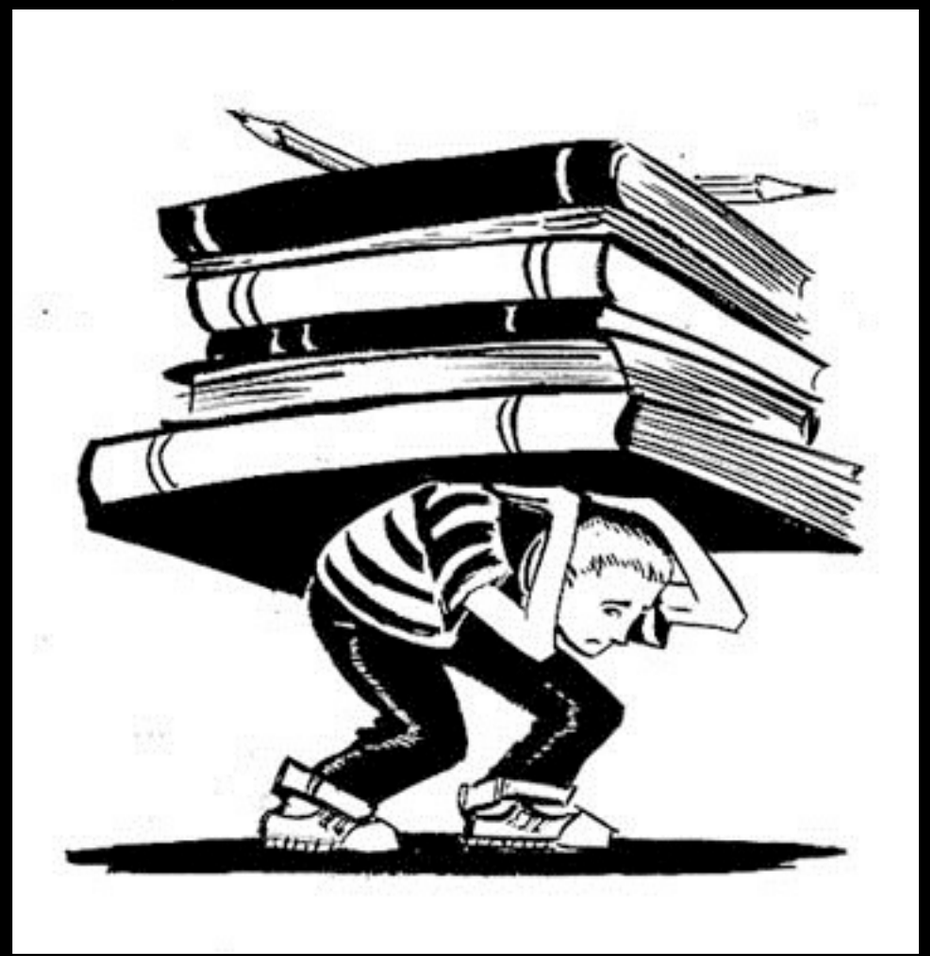

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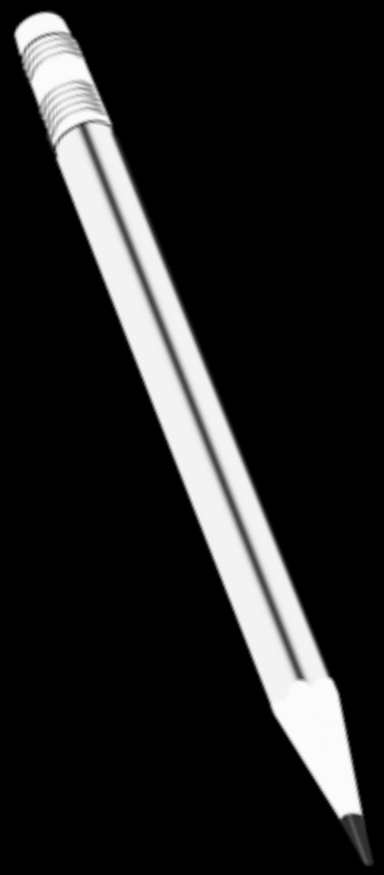

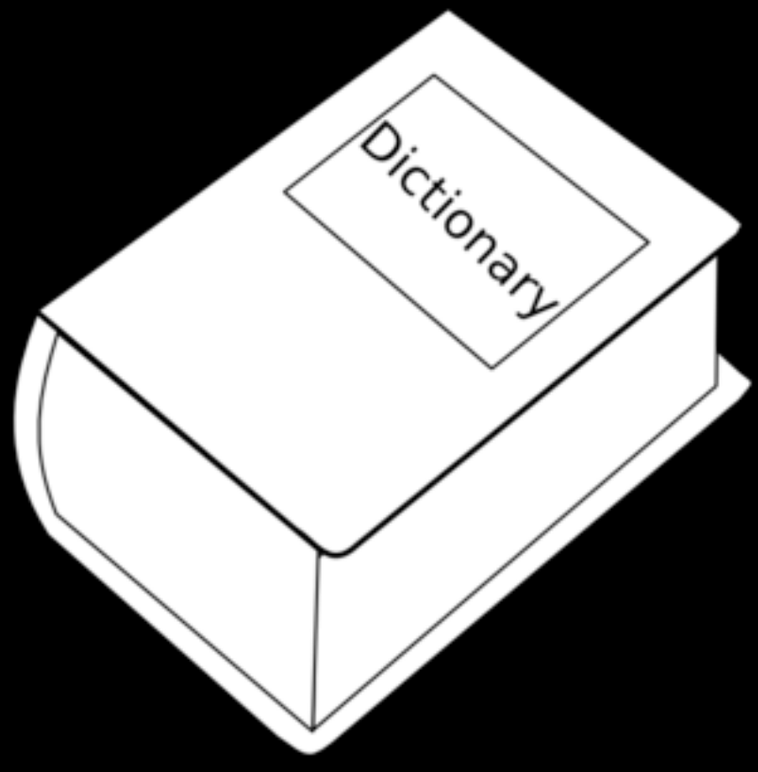

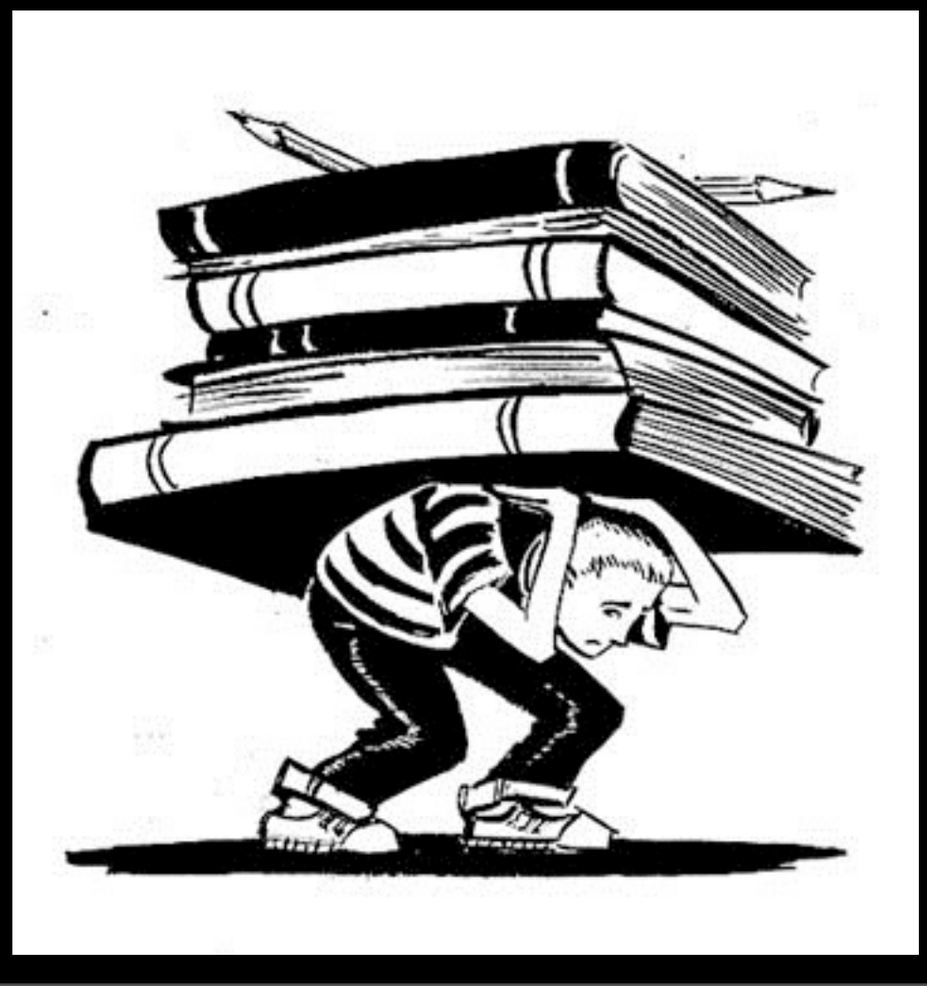

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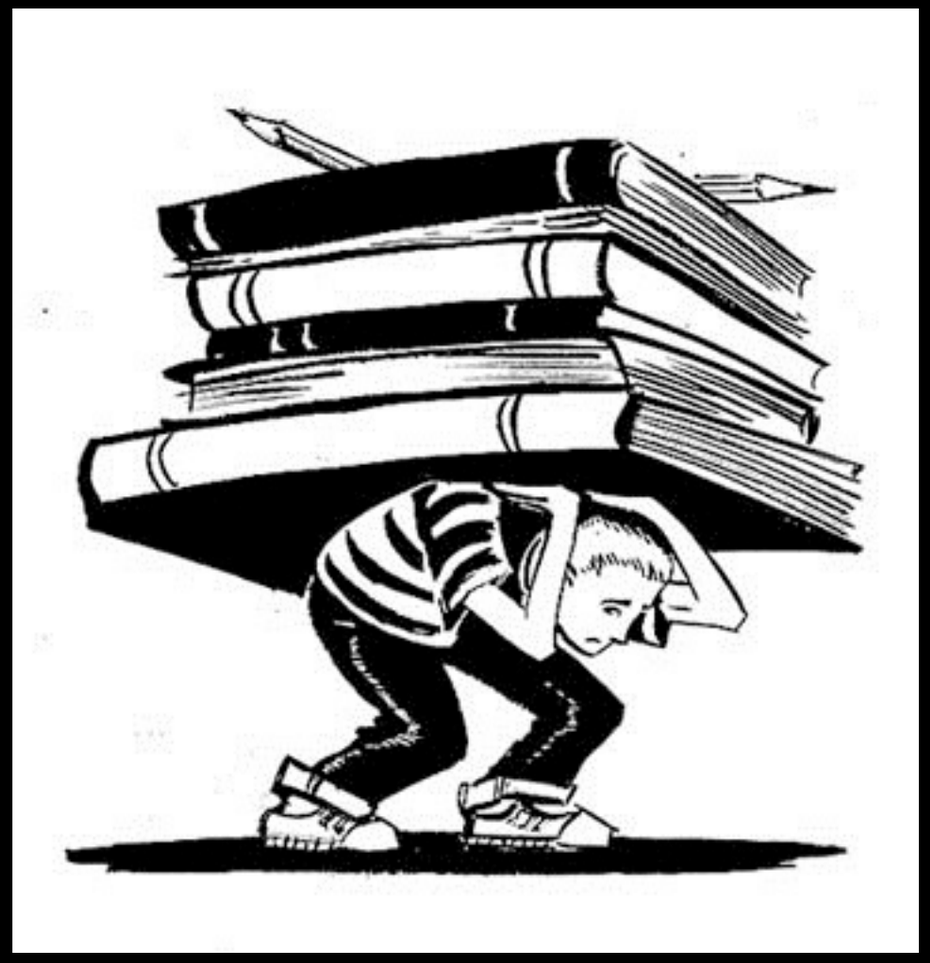

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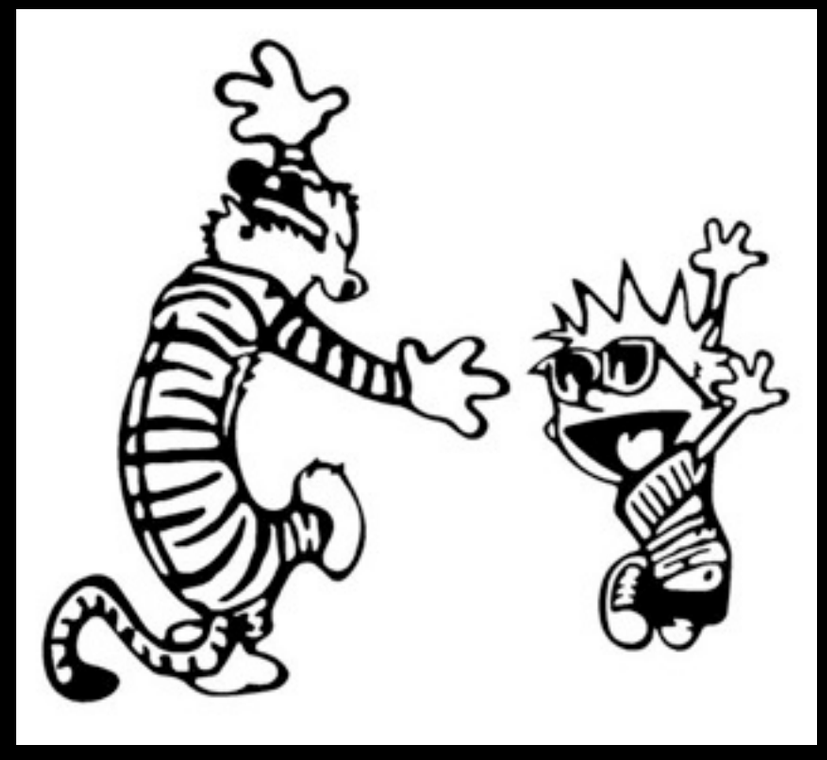

Ye olde 2000 A.D. ...

- Load / Save
- Backspace / Insert
- Spellcheck

their ~~vs.~~ thier ?

Ye 2010 A.D. ...

How to use this new POWER?

Document1 - Microsoft Word

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Type a question for help

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r-p-o-p-h-e-s-s-a-g-r
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New Document

Open a document
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Microsoft Word tutes
Microsoft Word tutes
Microsoft Word
More documents...

New
Blank Document
Blank Web Page
Blank E-mail Message

New from existing document
Choose document...

New from template
General Templates...
Templates on my Web Sites...
Templates on Microsoft.com

Add Network Place...
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Show at startup

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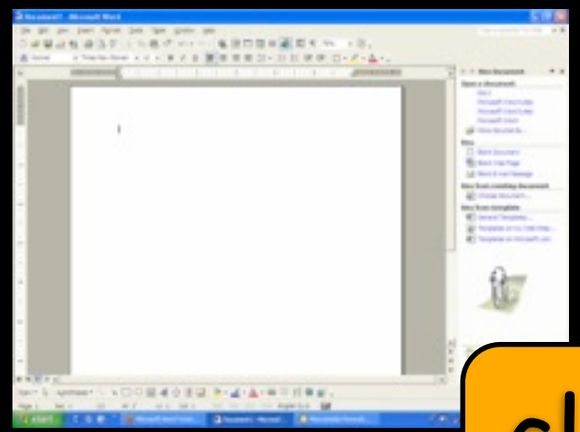
MS Word, for poetry

- Multiple notions of correctness
- Rhyme scheme, visual appearance matter

What would an elegant solution look like?

Designing a solution



UI

class Poem

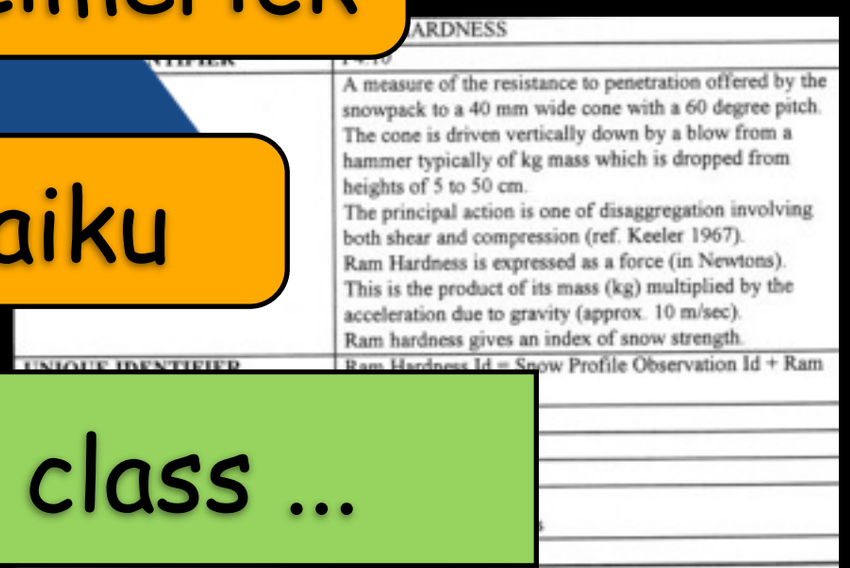
class Sonnet

class Couplet

class Limerick

class Villanelle

class Haiku



DB

class Stanza

class Rhyme

class ...

Issues with class Poem

- User-defined poem types?
- How to specify & select a type at runtime?
- Syntactic overhead

Did objects help at all?