



# ANTLRWorks

The future is bright, the future is ANTLR...

Jean Bovet & Terence Parr  
Department of Computer Science  
University of San Francisco

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1

## Future

- We're not promising these things, we are contemplating realm of possibilities
- Purpose is to discuss what is **wanted** and what are the **priorities**

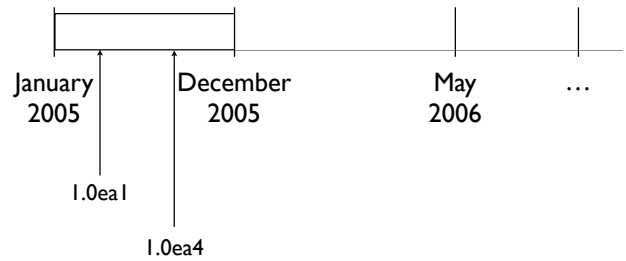
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## Road-map



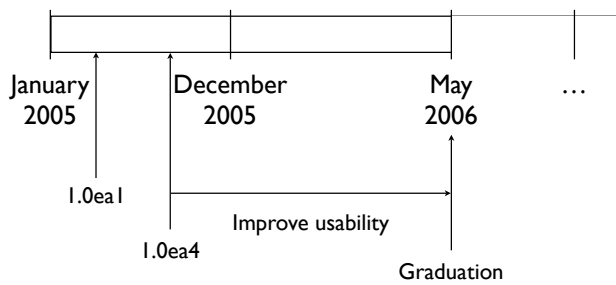
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## Road-map



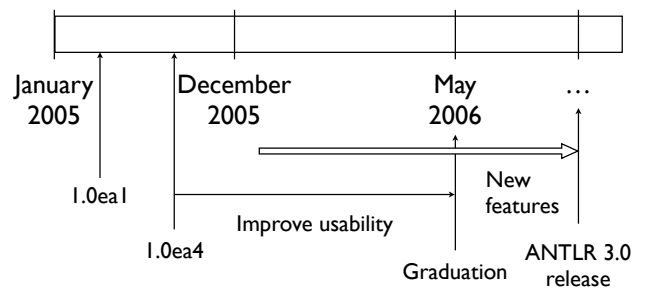
4

## Road-map



5

## Road-map



6

## Ideas 1

- Exemplar based grammar development
- More refactoring: extract rule, inline rule
- Add debug protocol to interpreter

7

## Ideas 2

- Show AST being built during debugging and interpreting
- Terence needs to enhance the debug protocol ;-)
- Do we want a button to check an AST for cycles ?

8

## Ideas 3

- Grammar reuse - deriving new grammar from existing ones
- StringTemplate integration; group viewing
- Debug lexers and tree parsers ?
- New “explain” feature for each grammar warning

9

## Ideas 4

- Lexer and parser wizard
- Statistics and profiling - LT(i) display
- Action  $\$x.y$  highlighting
- Auto-completion for properties of any  $\$label$
- Style/pretty printer

10

## Contact

- [parrt@cs.usfca.edu](mailto:parrt@cs.usfca.edu)
- [jean\\_bovet@mac.com](mailto:jean_bovet@mac.com)

11