CLON

A command-line options management library for standalone COMMON-LISP applications

Didier Verna

ELS'09

Outline

Acronyms

- **C**ommand **L**ine **O**ptions **N**uker
- **C**ommon **L**isp **O**ptions **N**uker
- **C**lon **L**ikes **O**ption **N**uking
- **N**ever **O**mit to **L**ink with **C**lon

Buzz words

- ✓ Easy to use
- ✓ Extensible
- ✓ Customizable

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Features

Syntax

- Options, Text, Groups
- Short or long option form
- Flags, Switches, Other
- Optional / Required arguments

Value retrieval / conversion

- From command-line or environment variable
- Abbreviation
- Error handling
- Extensibility: user-defined option types

- Automatic help string generation
- And... themes! (ISO/IEC 6429 SGR)

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1 **Marketing**

2 **Features**

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- Currently being developed with SBCL
- Some non-portable bits
- First stable version almost finished

▶ Planed release date: Cf. C++0x ^D^D^D C++1x

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