

object-apply egg

Call arbitrary values as functions
Extension for Chicken Scheme
Version 1.0

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1 About this egg

1.1 Version history

1.0 Initial release

1.2 Usage

Load this egg like so:

```
(require-extension object-apply)
```

2 Documentation

This extension allows user-defined behaviour of calling non-procedural data. When a procedure-call is evaluated with a datum in operator position that is not a procedure, then the following generic function is called:

`object-apply` [generic]
(`object-apply` OPERATOR ARGUMENTS)

Called when OPERATOR was applied to the argument list ARGUMENTS. The default implementation specialized on the operator class `<top>` signals an error. Implement own specializations for this generic to get custom behaviour.

This hook will not be called in code compiled in unsafe mode.

3 Examples

; Regular expressions in operator position do a string-match:

```
(define-method (object-apply (x <regexp>) args)
  (apply string-match x args) )
```

```
((regexp "[A-Z]+.*") "ABC, def")
```

4 License

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