

synch egg

Synchronization macros.
Extension for Chicken Scheme
Version 0.2

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1 About this egg

1.1 Version history

0.2 Added apply-with/synch

0.1 Initial release

1.2 Usage

Load this egg like so:

```
(require-extension synch)
```

2 Documentation

Simple critical region helpers.

2.1 Synchronized Invocation

`call/synch` [macro]

`(call/synch MUTEX PROCEDURE)`

Invoke `PROCEDURE` on the `(mutex-specific MUTEX)` while `MUTEX` locked.

This is poorly named. Use `'apply/synch'` to get the effect of the naive meaning of this operation.

`apply/synch` [macro]

`(apply/synch MUTEX PROCEDURE [ARGUMENT ...])`

Invoke `PROCEDURE` on the argument list `ARGUMENT ...` while `MUTEX` locked.

This is poorly named. Use `'apply-with/synch'` to get the effect of the naive meaning of this operation.

`apply-with/synch` [macro]

`(apply-with/synch MUTEX PROCEDURE [ARGUMENT ...])`

Apply `PROCEDURE` to the argument list `ARGUMENT ...` while `MUTEX` locked.

`synch` [macro]

`(synch MUTEX [EXPRESSION ...])`

Execute `EXPRESSION ...` while `MUTEX` locked.

3 Contributions

Inspired by Thomas Chust.

4 License

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