

File created: 28-Jul-2023 09:49:24 {DSK}<home>larry>il>medley>lispusers>BACKGROUND-YIELD.;2

edit by: lmm

changes to: (FNS BACKGROUND-YIELD)

previous date: 14-Nov-2021 22:05:58 {DSK}<home>larry>il>medley>lispusers>BACKGROUND-YIELD.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

```
(RPAQQ BACKGROUND-YIELDCOMS ( ;; Add a call to BACKGROUND-FNS to yield when not otherwise busy
                              (FNS BACKGROUND-YIELD INIT-YIELD)
                              (DECLARE%: DONTEVAL@LOAD DOCOPY (P (INIT-YIELD T)))
                              (VARS BACKGROUND-YIELD)))
```

;; Add a call to BACKGROUND-FNS to yield when not otherwise busy

(DEFINEQ

(BACKGROUND-YIELD

[LAMBDA NIL

; Edited 28-Jul-2023 09:11 by lmm

; Edited 20-Sep-2021 11:37 by larry

```
(LET ((\BACKGROUND T))
  (DECLARE (SPECVARS \BACKGROUND))
  (IF (FIXP BACKGROUND-YIELD)
      THEN (SUBRCALL YIELD BACKGROUND-YIELD)
          (SUBRCALL CAUSE-INTERRUPT]))
```

(INIT-YIELD

[LAMBDA (ONP)

; Edited 19-Sep-2021 13:32 by larry

```
(SETQ BACKGROUND-FNS (REMOVE 'BACKGROUND-YIELD BACKGROUND-FNS))
(if [AND ONP (CCODEP (GETD 'BACKGROUND-YIELD)]
```

```
  then ;; add to end
```

```
      (SETQ BACKGROUND-FNS (APPEND BACKGROUND-FNS ' (BACKGROUND-YIELD))
```

)

(DECLARE%: DONTEVAL@LOAD DOCOPY

(INIT-YIELD T)

)

(RPAQQ BACKGROUND-YIELD 833333)

FUNCTION INDEX

BACKGROUND-YIELD	1	INIT-YIELD	1
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VARIABLE INDEX

BACKGROUND-YIELD	1
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