

File created: 8-Aug-88 11:40:06 {ERINYES}<LISPUSERS>MEDLEY>RPC.;2

changes to: (IL:VARS IL:RPCCOMS)

previous date: 28-Apr-88 17:22:12 {ERINYES}<LISPUSERS>MEDLEY>RPC.;1

Read Table: XCL

Package: RPC2

Format: XCCS

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```
(IL:RPAQQ IL:RPCCOMS
  (
```

;;; SUN REMOTE PROCEDURE CALLS

;;; Originally written by Jeff Finger at the SUMEX-AIM Computing Resource at Stanford University under support from National Institutes of Health Grant
;;; NIH 5P41 RR00785.

;;; Modified to work under Maiko by Atty Mullins & Doug Cutting.

```
(IL:PROPS (IL:RPC IL:MAKEFILE-ENVIRONMENT IL:FILETYPE))
(IL:VARIABLES *USE-OS-NETWORKING*)
(EVAL-WHEN (LOAD)
  (IL:P
    (COND (*USE-OS-NETWORKING* (IL:FILESLOAD (IL:SYSLOAD)
                                              IL:RPCOS))
      (T
        (IL:FILESLOAD (IL:SYSLOAD IL:FROM IL:LISPUSERS)
          IL:TCPLIP IL:TCPUDE IL:RPCLOWLEVEL)
        (WHEN (EQ IL:MAKESYSNAME :LYRIC)
          (IL:FILESLOAD (IL:SYSLOAD)
            IL:IPPATCHES))))))
  (IL:FILES (IL:SYSLOAD)
    IL:RPCSTRUCT IL:RPCCOMMON IL:RPCXDR IL:RPCRPC IL:RPCPORTMAPPER))))
```

;;; SUN REMOTE PROCEDURE CALLS

;;; Originally written by Jeff Finger at the SUMEX-AIM Computing Resource at Stanford University under support from National Institutes of Health Grant
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```
(IL:PUTPROPS IL:RPC IL:MAKEFILE-ENVIRONMENT (:READTABLE "XCL" :PACKAGE (DEFPACKAGE "RPC2" (:USE "LISP" "XCL"))))
(IL:PUTPROPS IL:RPC IL:FILETYPE :COMPILE-FILE)

(DEFGLOBALPARAMETER *USE-OS-NETWORKING* (EQ (IL:MACHINETYPE)
'IL:MAIKO)
  "If false, RPC will use Interlisp-D TCP/IP, if true RPC will use
  the host operating system's IPC mechanism.")

(EVAL-WHEN (LOAD)
```

;; Load the appropriate transport.

```
(COND
  (*USE-OS-NETWORKING* (IL:FILESLOAD (IL:SYSLOAD)
    IL:RPCOS))
  (T
    (IL:FILESLOAD (IL:SYSLOAD IL:FROM IL:LISPUSERS)
      IL:TCPLIP IL:TCPUDE IL:RPCLOWLEVEL)
    (WHEN (EQ IL:MAKESYSNAME :LYRIC)
      (IL:FILESLOAD (IL:SYSLOAD)
        IL:IPPATCHES))))
  (IL:FILESLOAD (IL:SYSLOAD)
    IL:RPCSTRUCT IL:RPCCOMMON IL:RPCXDR IL:RPCRPC IL:RPCPORTMAPPER)
)

(IL:PUTPROPS IL:RPC IL:COPYRIGHT ("Stanford University and Xerox Corporation" 1987 1988))
```

VARIABLE INDEX

USE-OS-NETWORKING1

PROPERTY INDEX

IL:RPC1
