

File created: 8-Aug-88 11:53:57 {ERINYES}<LISPUSERS>MEDLEY>RPCPORTMAPPER.;3

changes to: (IL:VARS IL:RPCPORTMAPPERCOMS)
(IL:FUNCTIONS PORTMAPPERDEF)

previous date: 8-Aug-88 11:40:30 {ERINYES}<LISPUSERS>MEDLEY>RPCPORTMAPPER.;2

Read Table: XCL

Package: RPC2

Format: XCCS

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```
(IL:RPAQQ IL:RPCPORTMAPPERCOMS ((IL:PROPS (IL:RPCPORTMAPPER IL:MAKEFILE-ENVIRONMENT IL:FILETYPE))
                                     (EVAL-WHEN (COMPILE LOAD EVAL)
                                                  (IL:STRUCTURES MAPSEQUENCE MAPSTRUCT))
                                     (IL:FUNCTIONS PORTMAPPERDEF)
                                     (EVAL-WHEN (LOAD EVAL)
                                                  (IL:P (PORTMAPPERDEF))))))

(IL:PUTPROPS IL:RPCPORTMAPPER IL:MAKEFILE-ENVIRONMENT (:READTABLE "XCL" :PACKAGE "RPC2"))

(IL:PUTPROPS IL:RPCPORTMAPPER IL:FILETYPE :COMPILE-FILE)

(EVAL-WHEN (COMPILE LOAD EVAL)

(DEFSTRUCT MAPSEQUENCE
  PROGRAM
  VERS
  PROTOCOL
  PORT)

(DEFSTRUCT MAPSTRUCT
  PROGRAM
  VERS
  PROT
  PORT
  THEREST)
)

(DEFUN PORTMAPPERDEF ()
  ;; Program that maps from programs to ports
  (IL:NILL)
                                     ; Keep DEFUN from expanding the
                                     ; DEFINE-REMOTE-PROGRAM macro any more than
                                     ; necessary
  (DEFINE-REMOTE-PROGRAM 'PORTMAPPER 100000 2 'UDP :TYPES '((MAPSTRUCT (:UNION :BOOLEAN (NIL :VOID)
                                                                                   (T (:STRUCT MAPSTRUCT
                                                                                       (PROGRAM :UNSIGNED)
                                                                                       (VERS :UNSIGNED)
                                                                                       (PROT :UNSIGNED)
                                                                                       (PORT :UNSIGNED)
                                                                                       (THEREST MAPSTRUCT))))))
                                     (MAPSEQUENCE (:SEQUENCE (:STRUCT MAPSEQUENCE
                                                                 (PROGRAM :UNSIGNED)
                                                                 (VERS :UNSIGNED)
                                                                 (PROTOCOL :UNSIGNED)
                                                                 (PORT :UNSIGNED))))))
                                     :PROCEDURES
  '((NULL 0 NIL NIL)
    (LOOKUP 3 (:UNSIGNED :UNSIGNED :UNSIGNED :UNSIGNED)
              (:UNSIGNED))
    (DUMP 4 NIL (MAPSEQUENCE))
    (BADDUMP 4 NIL (MAPSTRUCT))
    (INDIRECT 5 (:UNSIGNED :UNSIGNED :UNSIGNED :STRING)
                 (:UNSIGNED :STRING))))
  ;; TCP version of same. Sad that we need this redundancy.
  (DEFINE-REMOTE-PROGRAM 'TCPPORTMAPPER 100000 2 'TCP :TYPES '((MAPSTRUCT (:UNION :BOOLEAN (NIL :VOID)
                                                                                   (T (:STRUCT MAPSTRUCT
                                                                                       (PROGRAM :UNSIGNED)
                                                                                       (VERS :UNSIGNED)
                                                                                       (PROT :UNSIGNED)
                                                                                       (PORT :UNSIGNED)
                                                                                       (THEREST MAPSTRUCT))))))
                                     )))
  (MAPSEQUENCE (:SEQUENCE (:STRUCT MAPSEQUENCE
                            (PROGRAM :UNSIGNED)
                            (VERS :UNSIGNED)
                            (PROTOCOL :UNSIGNED)
                            (PORT :UNSIGNED)))))
```

```
{MEDLEY}<lispusers>RPCPORTMAPPER.;1  (PORTMAPPERDEF cont.)
```

Page 2

```
                                          )))
:PROCEDURES
'((NULL 0 NIL NIL)
  (LOOKUP 3 (:UNSIGNED :UNSIGNED :UNSIGNED :UNSIGNED)
    (:UNSIGNED))
  (DUMP 4 NIL (MAPSEQUENCE))
  (BADDUMP 4 NIL (MAPSTRUCT))
  (INDIRECT 5 (:UNSIGNED :UNSIGNED :UNSIGNED :STRING)
    (:UNSIGNED :STRING))))

(EVAL-WHEN (LOAD EVAL)

(PORTMAPPERDEF
)

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

FUNCTION INDEX

PORTMAPPERDEF1

STRUCTURE INDEX

MAPSEQUENCE1

MAPSTRUCT1

PROPERTY INDEX

IL:RPCPORTMAPPER1
