changes to: (VARS NCCASECLUSTERCOMS)
            (FNS CASECLUSTER.AddCaseClusterCard CASECLUSTER.AddFactsCard CASECLUSTER.AddDecisionRuleCard
                    CASECLUSTER.AddRuleSupportCard CASECLUSTER.AddLegalStatusRuleCard
                    CASECLUSTER.AddRuleInstanceCard CASECLUSTER.AddRationaleCard CASECLUSTER.AddArgumentCard)

previous date: 4-May-87 14:35:38   {QV}<NOTECARDS>1.3K>LIBRARY>NCCASECLUSTER.;4

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

```
;;
;; Copyright (c) 1987 by Xerox Corporation.  All rights reserved.
```

```
(RPAQQ NCCASECLUSTERCOMS
       [(DECLARE%: DONTCOPY (PROP MAKEFILE-ENVIRONMENT NCCASECLUSTER))
        (FILES (FROM NOTECARDS)
                NCCLUSTERCARD)
```

;;; Stuff for the CaseCluster notecard type and its child types.

```
        (GLOBALVARS CASECLUSTER.ClusterChildInfos CASECLUSTER.FileBoxNames CASECLUSTER.ArgumentCardHeight
                CASECLUSTER.ArgumentCardWidth)
        (INITVARS [CASECLUSTER.ClusterChildInfos '((Text issues Issues)
                                                   (Facts facts NIL)
                                                   (Text decision Decision)
                                                   (Rationale rationale NIL]
            (CASECLUSTER.FileBoxNames '(CasesBox IssuesBox FactsBox DecisionsBox RationalesBox))
            (CASECLUSTER.ArgumentCardHeight 200)
            (CASECLUSTER.ArgumentCardWidth 761))
        (FNS CASECLUSTER.CaseClusterMakeFn CASECLUSTER.FactsMakeFn CASECLUSTER.DecisionRuleMakeFn
            CASECLUSTER.RuleSupportMakeFn CASECLUSTER.LegalStatusRuleMakeFn CASECLUSTER.RuleInstanceMakeFn
            CASECLUSTER.RationaleMakeFn CASECLUSTER.ArgumentMakeFn)
        (FNS CASECLUSTER.AddCaseClusterCard CASECLUSTER.AddFactsCard CASECLUSTER.AddDecisionRuleCard
            CASECLUSTER.AddRuleSupportCard CASECLUSTER.AddLegalStatusRuleCard CASECLUSTER.AddRuleInstanceCard
            CASECLUSTER.AddRationaleCard CASECLUSTER.AddArgumentCard)
        (DECLARE%: DONTEVAL@LOAD (P (CASECLUSTER.AddCaseClusterCard)
                                    (CASECLUSTER.AddFactsCard)
                                    (CASECLUSTER.AddDecisionRuleCard)
                                    (CASECLUSTER.AddRuleSupportCard)
                                    (CASECLUSTER.AddLegalStatusRuleCard)
                                    (CASECLUSTER.AddRuleInstanceCard)
                                    (CASECLUSTER.AddRationaleCard)
                                    (CASECLUSTER.AddArgumentCard]))
```

```
(DECLARE%: DONTCOPY
```

```
(PUTPROPS NCCASECLUSTER MAKEFILE-ENVIRONMENT (:PACKAGE "IL" :READTABLE "INTERLISP" :BASE 10))
)
```

```
(FILESLOAD (FROM NOTECARDS)
        NCCLUSTERCARD)
```

;;; Stuff for the CaseCluster notecard type and its child types.

```
(DECLARE%: DOEVAL@COMPILE DONTCOPY
```

```
(GLOBALVARS CASECLUSTER.ClusterChildInfos CASECLUSTER.FileBoxNames CASECLUSTER.ArgumentCardHeight
        CASECLUSTER.ArgumentCardWidth)
)
```

```
(RPAQ? CASECLUSTER.ClusterChildInfos '((Text issues Issues)
                                       (Facts facts NIL)
                                       (Text decision Decision)
                                       (Rationale rationale NIL)))
```

```
(RPAQ? CASECLUSTER.FileBoxNames '(CasesBox IssuesBox FactsBox DecisionsBox RationalesBox))
```

```
(RPAQ? CASECLUSTER.ArgumentCardHeight 200)
```

```
(RPAQ? CASECLUSTER.ArgumentCardWidth 761)
```

```
(DEFINEQ
```

```
(CASECLUSTER.CaseClusterMakeFn
  [LAMBDA (Card Title NoDisplayFlg)                              (* rht%: " 4-May-87 02:11")

        (* * Create a case cluster card. Done by passing proper info triples as well as list of fileboxes through to Cluster's
        MakeCardFn.)
```

```
    (LET ((NoteFile (NCP.CardNoteFile Card)))
         (OR Title (SETQ Title (NCP.AskUser (CONCAT "Title of " (NCP.CardType Card)
                                                    " card? ")
                                            "-- " NIL T NIL T)))
         (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg
                (create CLUSTER.ClusterInfo
                        ChildInfos _ CASECLUSTER.ClusterChildInfos
                        FileBoxes _ (for FileBoxName in CASECLUSTER.FileBoxNames
                                         collect (OR (NCP.LookupCardByName FileBoxName NoteFile)
                                                     (AND (NCP.AskYesOrNo (CONCAT "Want to create new filebox with
                                                                                  name '" FileBoxName "'? ")
                                                                  NIL "Yes" T)
                                                          (LET [(FileBox (NCP.CreateFileBox NoteFile FileBoxName T
                                                                                 NIL NIL (NCP.ContentsFileBox NoteFile
                                                                                          ]
                                                               (NCP.RegisterCardByName FileBoxName FileBox)
                                                               FileBox])
```

(**CASECLUSTER.FactsMakeFn**
```
 [LAMBDA (Card Title NoDisplayFlg)                              (* rht%: " 4-May-87 02:05")

         (* * Create a Facts card. Just like a Text card except throws in some initial text.)

    (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg)))
         (NCP.CardAddText Card (CONCAT "LEGAL FACTS" (CHARACTER 13)
                                       (CHARACTER 13)
                                       "REAL FACTS"
                                       (CHARACTER 13)
                                       (CHARACTER 13)))
         ReturnValue])
```

(**CASECLUSTER.DecisionRuleMakeFn**
```
 [LAMBDA (Card Title NoDisplayFlg)                              (* rht%: " 4-May-87 01:54")

         (* * Create a DecisionRule card. Just like a Text card except throws in some initial text.)

    (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg)))
         (NCP.CardAddText Card (CONCAT "LEGAL CONTEXT" (CHARACTER 13)
                                       (CHARACTER 13)
                                       "OPERATIVE FACTS"
                                       (CHARACTER 13)
                                       (CHARACTER 13)
                                       "DECISION"
                                       (CHARACTER 13)
                                       (CHARACTER 13)
                                       "SUPPORT"
                                       (CHARACTER 13)
                                       (CHARACTER 13)))
         ReturnValue])
```

(**CASECLUSTER.RuleSupportMakeFn**
```
 [LAMBDA (Card Title NoDisplayFlg)                              (* rht%: " 4-May-87 01:55")

         (* * Create a RuleSupport card. Just like a Text card except throws in some initial text.)

    (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg)))
         (NCP.CardAddText Card (CONCAT "PRINCIPLE" (CHARACTER 13)
                                       (CHARACTER 13)
                                       "REFERENCE"
                                       (CHARACTER 13)
                                       (CHARACTER 13)
                                       "STATUTE"
                                       (CHARACTER 13)
                                       (CHARACTER 13)
                                       "CASE PRECEDENT"
                                       (CHARACTER 13)
                                       (CHARACTER 13)))
         ReturnValue])
```

(**CASECLUSTER.LegalStatusRuleMakeFn**
```
 [LAMBDA (Card Title NoDisplayFlg)                              (* rht%: " 4-May-87 01:55")

         (* * Create a LegalStatusRule card. Just like a Text card except throws in some initial text.)

    (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg)))
         (NCP.CardAddText Card (CONCAT "LEGAL CONTEXT" (CHARACTER 13)
                                       (CHARACTER 13)
                                       "OPERATIVE FACTS"
                                       (CHARACTER 13)
                                       (CHARACTER 13)
                                       "LEGAL STATUS"
                                       (CHARACTER 13)
```

```
                                        (CHARACTER 13)
                                        "SUPPORT"
                                        (CHARACTER 13)
                                        (CHARACTER 13)))
            ReturnValue])
```

(**CASECLUSTER.RuleInstanceMakeFn**
```
   [LAMBDA (Card Title NoDisplayFlg)                                    (* rht%: " 4-May-87 01:58")

            (* * Create a RuleInstance card. Just like a Text card except throws in some initial text.
            Also creates and links to a bindings card.)

      (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg))
            (NoteFile (NCP.CardNoteFile Card))
            BindingsCard)
           (NCP.CardAddText Card (CONCAT "LEGAL RULE" (CHARACTER 13)
                                           (CHARACTER 13)
                                           "BINDINGS"
                                           (CHARACTER 13)))
           (SETQ BindingsCard (NCP.CreateTextCard NoteFile (CONCAT Title ":Bindings")
                                      T))
           (OR (NCP.ValidLinkTypeP 'Binding NoteFile)
               (NCP.CreateLinkType 'Binding NoteFile))
           (NCP.LocalGlobalLink 'Binding Card BindingsCard)
           (NCP.CardAddText Card (CONCAT (CHARACTER 13)
                                           "STATUS RULES"
                                           (CHARACTER 13)
                                           (CHARACTER 13)))
            ReturnValue])
```

(**CASECLUSTER.RationaleMakeFn**
```
   [LAMBDA (Card Title NoDisplayFlg)                                    (* rht%: " 4-May-87 02:01")

            (* * Create a Rationale card. Just like a text card except starts with an initial link to a fresh Argument card.)

      (LET ((ReturnValue (NCP.ApplySuperTypeFn MakeFn Card Title NoDisplayFlg))
            (NoteFile (NCP.CardNoteFile Card)))
           (OR (NCP.ValidLinkTypeP 'Argument NoteFile)
               (NCP.CreateLinkType 'Argument NoteFile))
           (NCP.LocalGlobalLink 'Argument Card (NCP.CreateCard 'Argument NoteFile (CONCAT Title ":Argument1")
                                                       T)
                 NIL
                 'Title)
            ReturnValue])
```

(**CASECLUSTER.ArgumentMakeFn**
```
   [LAMBDA (Card Title NoDisplayFlg)                                    (* rht%: " 4-May-87 14:32")

            (* * Create an Argument card. Just like a Browser card except builds some initial structure.)

      (LET ((NoteFile (NCP.CardNoteFile Card))
            RuleInstanceCard1 RuleInstanceCard2 HeadingPos)
           (OR Title (SETQ Title (NCP.AskUser "Title of Argument card: " "--" NIL T NIL)))
           (OR (NCP.ValidLinkTypeP 'Support NoteFile)
               (NCP.CreateLinkType 'Support NoteFile))
           (OR (NCP.ValidLinkTypeP 'Status NoteFile)
               (NCP.CreateLinkType 'Status NoteFile))
           (SETQ RuleInstanceCard1 (NCP.CreateCard 'RuleInstance NoteFile (CONCAT Title ":Rule1")
                                            T))
           (SETQ RuleInstanceCard2 (NCP.CreateCard 'RuleInstance NoteFile (CONCAT Title ":Rule2")
                                            T))

            (* Find the "STATUS RULES" string in the first rule instance card and insert link to second rule instance card there.)

           (SETQ HeadingPos (TEDIT.FIND (TEXTOBJ (NCP.CardSubstance RuleInstanceCard1))
                               "STATUS RULES" 1 NIL))
           (NCP.ChangeLoc RuleInstanceCard1 (if HeadingPos
                                                then (PLUS HeadingPos (NCHARS "LEGAL CONTEXT"))
                                              else 1))
           (NCP.CardAddText RuleInstanceCard1 (CHARACTER 13))
           (NCP.LocalGlobalLink 'Status RuleInstanceCard1 RuleInstanceCard2 NIL 'Title)
                                                       (* Create this card as a browser on the structure we just built.)
           (NCP.CreateBrowserCard NoteFile Title (LIST 'ROOTCARDS RuleInstanceCard1 'LINKTYPES
                                                       '(Support Status Binding)
                                                       'FORMAT
                                                       '(LATTICE VERTICAL))
                 NoDisplayFlg])
   )

(DEFINEQ
```

(**CASECLUSTER.AddCaseClusterCard**
```
   [LAMBDA NIL                                                    ; Edited  5-Dec-87 20:02 by rht:
```

```
      (NCP.CreateCardType 'CaseCluster 'Cluster '[(MakeFn ,(FUNCTION CASECLUSTER.CaseClusterMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddFactsCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'Facts 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.FactsMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddDecisionRuleCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'DecisionRule 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.DecisionRuleMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddRuleSupportCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'RuleSupport 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.RuleSupportMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddLegalStatusRuleCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'LegalStatusRule 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.LegalStatusRuleMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddRuleInstanceCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'RuleInstance 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.RuleInstanceMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddRationaleCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'Rationale 'Text '[(MakeFn ,(FUNCTION CASECLUSTER.RationaleMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
```

₍**CASECLUSTER.AddArgumentCard**
```
  [LAMBDA NIL                                             ; Edited  5-Dec-87 20:02 by rht:
    (NCP.CreateCardType 'Argument 'Browser '[(MakeFn ,(FUNCTION CASECLUSTER.ArgumentMakeFn]
            '((LinkDisplayMode Title)
              (DisplayedInMenuFlg ,T])
)

(DECLARE%: DONTEVAL@LOAD

(CASECLUSTER.AddCaseClusterCard)

(CASECLUSTER.AddFactsCard)

(CASECLUSTER.AddDecisionRuleCard)

(CASECLUSTER.AddRuleSupportCard)

(CASECLUSTER.AddLegalStatusRuleCard)

(CASECLUSTER.AddRuleInstanceCard)

(CASECLUSTER.AddRationaleCard)

(CASECLUSTER.AddArgumentCard)
)
```

FUNCTION INDEX

VARIABLE INDEX

PROPERTY INDEX