

previous date: "17-Jan-80 18:17:02" <AFFIRM>PROCEDURECALL..3)

(PRETTYCOMPRINT PROCEDURECALLCOMS)

```
(RPN00 PROCEDURECALLCOMS ((FNS * ProcedureCallFNS)
  (FNS * ProcedureCall\InterfaceFNS)
  (FNS * ProcedureCall\GenericInterfaceFNS)
  (P (NoteInterfaces ProcedureCall\InterfaceFNS))
  (VARS ProcedureCallInfixOps)
  (P (Infix ProcedureCallInfixOps T))
  (VARS * ProcedureCallConstants)
  (VARS * ProcedureCall\InterfaceConstants)
  (IFPROP ALL * ProcedureCallConstants)
  (IFPROP (PrimaryLHSides EqualOp EQOP)
    * ProcedureCallFNS)
  (IFPROP (PrimaryLHSides EqualOp EQOP)
    * ProcedureCall\InterfaceFNS)
  (P (NoteDeclarations (QUOTE ProcedureCall)))
  (P (NoteLeftHandSides ProcedureCallFNS))
  (DECLARE: DONTVALLOAD DONTVALCOMPILE DONTCOPY COMPILERVARS
    (ADDVARS (NLAMA)
      (NLAML)
      (LAMA result\Interface result\ProcedureCall\Interface
        result\ProcedureCall)))
```

```
(RPN00 ProcedureCallFNS (result\ProcedureCall computes\ProcedureCall))
(DEFINED
```

(result\ProcedureCall

```
(LAMBDA (c
  ('result\ProcedureCall ! (for i from 1 to c collect (ARG c i))
  )) (* R. Bates "30-Apr-79 13:24")
```

(computes\ProcedureCall

```
(LAMBDA (x y)
  (if ('computes\ProcedureCall x y)))
```

```
(RPN00 ProcedureCall\InterfaceFNS (result\ProcedureCall\Interface computes\ProcedureCall\Interface))
(DEFINED
```

(result\ProcedureCall\Interface

```
(LAMBDA (c
  (if (for i from 1 to c always (ARG c i):Operator='ExpressionWithType)
    then ('ExpressionWithType <'result\ProcedureCall ! (for i from 1 to c collect (ARG c i):Expression) >
      ' ProcedureCall >)) (* R. Bates "30-Apr-79 12:57")
```

(computes\ProcedureCall\Interface

```
(LAMBDA (x y TooManyArguments)
  (if (x:1='ExpressionWithType and y:3=ProcedureCall and y:1='ExpressionWithType and y:3=ProcedureCall
    and TooManyArguments=NIL and (EQUAL x:3 y:3) and (Report computes\ProcedureCall\Interface 1
      interface)
    then (ExpressionWithType <'computes\ProcedureCall x:2 y:2> Boolean)
    elseif NIL))
```

```
(RPN00 ProcedureCall\GenericInterfaceFNS (result\Interface computes\Interface))
(DEFINED
```

(result\Interface

```
(LAMBDA (c
  (if (APPLY 'result\ProcedureCall\Interface (for i from 1 to c collect (ARG c i)))
    else ('result\Interface ! (for i from 1 to c collect (ARG c i))
      >)) (* R. Bates "30-Apr-79 12:54")
```

(computes\Interface

```
(LAMBDA (x y TooManyArguments)
  (for (fun temp) in (GETPROP 'computes\Interface 'NoteInterface) thereis temp-(APPLY# fun x y
    TooManyArguments)
  finally (RETURN (if temp
    else <'computes\Interface x y TooManyArguments>)))
```

```

)
(NotInterfaces ProcedureCall\InterfaceFNS)

(RPAD0 ProcedureCallInfixOps NIL)
(Infix ProcedureCallInfixOps T)

(RPAD0 ProcedureCallConstants (ProcedureCall))

(RPAD0 ProcedureCall ProcedureCall)

(RPAD0 ProcedureCall\InterfaceConstants NIL)
(PUTPROPS ProcedureCall IsConstant T
  DeclaredType ProcedureCall
  LocalDeclarations ((x\Interface ExpressionWithType x\ProcedureCall ProcedureCall)
    (y\Interface ExpressionWithType y\ProcedureCall ProcedureCall)))

(RPAD0 ProcedureCallFNS (result\ProcedureCall computes\ProcedureCall))

(RPAD0 ProcedureCall\InterfaceFNS (result\ProcedureCall\Interface computes\ProcedureCall\Interface))

(PUTPROPS result\ProcedureCall\Interface PrimaryLHSides (1 (1 result\ProcedureCall\Interface
  (ExpressionWithType x\ProcedureCall
    ProcedureCall)
  NIL)))

(PUTPROPS computes\ProcedureCall\Interface PrimaryLHSides (1 (1 computes\ProcedureCall\Interface
  (ExpressionWithType x\ProcedureCall
    ProcedureCall)
  (ExpressionWithType y\ProcedureCall
    ProcedureCall)
  NIL)))

(NoteDeclarations (QUOTE ProcedureCall))
(NoteLeftHandSides ProcedureCallFNS)
(DECLARE: DONTVALcLOAD DOVALcCOMPILE DONTCOPY COMPILERVARS)

(ADDTOVAR NLAMA )

(ADDTOVAR NLAML )

(ADDTOVAR LAMA result\Interface result\ProcedureCall\Interface result\ProcedureCall)
)
(DECLARE: DONTCOPY
  (FILEMAP (NIL (1135 1487 (result\ProcedureCall 1147 . 1387) (computes\ProcedureCall 1391 . 1484)) (1599 2500 (
result\ProcedureCall\Interface 1611 . 2033) (computes\ProcedureCall\Interface 2037 . 2497)) (2591 3317 (
result\Interface 2603 . 2979) (computes\Interface 2983 . 3314))))))
STOP

```

changes to: TYPEPARAMETER Equal\TypeParameter)

(PRETTYCOMPRINT TYPEPARAMETERCOMS)

```
(RPAQO TYPEPARAMETERCOMS ((P (CheckLoad (QUOTE TYPE)
                             (QUOTE (35 . <AFFIRM>BASE-AFFIRM.SAV;30))
                             (QUOTE TypeParameter)))
 (FNS * TypeParameterFNS)
 (FNS * TypeParameter\InterfaceFNS)
 (VARS * TypeParameterConstants)
 (VARS * TypeParameter\InterfaceConstants)
 (IFPROP ALL * TypeParameterConstants)
 (IFPROP (PrimaryLHSides EqualOp EQOP)
          * TypeParameterFNS)
 (IFPROP (PrimaryLHSides EqualOp EQOP)
          * TypeParameter\InterfaceFNS)
 (P (InitializeLoad TYPE TypeParameter 35 ((NoteInterfaces
                                           TypeParameter\InterfaceFNS)
                                           (initInfix (QUOTE TypeParameter))
                                           (initNeeds (QUOTE TypeParameter))
                                           (NoteDeclarations (QUOTE TypeParameter))
                                           (NoteLeftHandSides TypeParameterFNS))
 (CheckLoad (QUOTE TYPE)
             (QUOTE (35 . <AFFIRM>BASE-AFFIRM.SAV;30))
             (QUOTE TypeParameter))
```

```
(RPAQO TypeParameterFNS (Equal\TypeParameter))
(DEFINED
```

1

```
(Equal\TypeParameter
 (LAMBDA (x y)
   (if <'Equal\TypeParameter x y>))
)
```

```
(RPAQO TypeParameter\InterfaceFNS NIL)
(DEFINED
)
```

(RPAQO TypeParameterConstants (TypeParameter))

(RPAQO TypeParameter TypeParameter)

```
(RPAQO TypeParameter\InterfaceConstants NIL)
(PUTPROPS TypeParameter IsConstant T
           DeclaredType TypeParameter
           LocalDeclarations NIL
           Infix NIL
           Needs NIL
           EqualOp Equal\TypeParameter)
```

(RPAQO TypeParameterFNS (Equal\TypeParameter))

(PUTPROPS Equal\TypeParameter EqualOp Equal\Boolean)

(PUTPROPS Equal\TypeParameter EQOP T)

```
(RPAQO TypeParameter\InterfaceFNS NIL)
(InitializeLoad TYPE TypeParameter 35 ((NoteInterfaces TypeParameter\InterfaceFNS)
 (initInfix (QUOTE TypeParameter))
 (initNeeds (QUOTE TypeParameter))
 (NoteDeclarations (QUOTE TypeParameter))
 (NoteLeftHandSides TypeParameterFNS)))
```

```
(DECLARE: DONTCOPY
 (FILEMAP (NIL (1125 1227 (Equal\TypeParameter 1137 . 1224)) (1277 1288))))
STOP
```

