

File created: 21-Apr-86 14:02:26 {POGO:PARC:XEROX}<LOOPS>TESTER>LTCORETESTS.;2

changes to: (INSTANCES LTP20 LTP11 LTP13 LTP15 LTP53 LTP54 LTP57 LTP19 LTP9 LTP10 LTP12 LTP14 LAVGetValue LTP1
LTFPutValue LTFGetValue LTFSend LTMethod LTLoadInstance LTDumpInstance)

previous date: 18-Mar-85 12:00:38 {POGO:PARC:XEROX}<LOOPS>TESTER>LTCORETESTS.;1

Read Table: OLD-INTERLISP-FILE

Package: INTERLISP

Format: XCCS

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(RPAQQ **LTCORETESTSCOMS**

```
(( * File created by MITTAL)
(* Database of core test instances, i.e., instances necessary for running other tests)
(CLASSES)
(METHODS)
(FNS)
(VARS)
(INSTANCES * LTCORETESTSINSTANCES)))
```

(* * File created by MITTAL)

(* * Database of core test instances, i.e., instances necessary for running other tests)

(DEFCLASSES)

(RPAQQ **LTCORETESTSINSTANCES**

```
(LTTemplate LTDumpInstance LTLoadInstance LTMethod LTObject LTActiveValue LTFSend LTFGetValue LTFPutValue
LTP86 LTP1 LAVGetValue LTP14 LTP12 LTP10 LTP9 LAVPutValue LTP19 LTP18 LTP17 LTP16 LTP57 LTP54
LTP53 LTP15 LTP13 LTP11 LTP58 LTP56 LTP55 LTP20))
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```
(DEFINST LOOPSTestBasic (LTTemplate "NXR@@EŽ")
(name #. ($A LTTemplate NIL RememberName))
(TestDesc "Creation of an instance of Template")
(Setup (ATEST (SETQ LTV11 (SEND ($ LOOPSTestTemplate1
New))
"Create an instance of a Template Class")))
(TestExpr (EQ LTV11 (@ (@ LTV11 A)
A)))
(PreTest #. ($A (LTFGetValue)
NIL MakeBackLink)))

(DEFINST LOOPSTestBasic (LTDumpInstance "OSR@@A-")
(name #. ($A LTDumpInstance NIL RememberName))
(TestDesc "Dumping instances to file")
[Setup (PROGN (SETQ LTDUMPCOMS LTLOADCOMS)
(MAKEFILE (QUOTE LTDUMP))
(for x in LTLOADINSTANCES do (SEND (GetObjectRec x)
Destroy))
(Load (QUOTE LTDUMP))
[TestExpr (AND (TestLoadedInstances ($ LD4))
(TestLoadedInstances ($ LD1)
(SubTest #. ($A (LTP86)
NIL MakeBackLink)
Tested? #.NotSetValue)
(PreTest #. ($A (LTMDestroyInObj LTLoadInstance)
NIL MakeBackLink)
Tested? #.NotSetValue)
(AltTest #.NotSetValue Tested? #.NotSetValue)
(SyntaxTest #.NotSetValue Tested? #.NotSetValue))
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```
(DEFINST LOOPSTestBasic (LTLoadInstance "OSR@@AŌ")
(name #. ($A LTLoadInstance NIL RememberName))
(TestDesc "Loading instances from a file")
(Setup (LTLoadFile (QUOTE LTLOAD)))
[TestExpr (AND (TestLoadedInstances ($ LD4))
(TestLoadedInstances ($ LD1)
(SubTest #.NotSetValue Tested? #.NotSetValue)
(PreTest #. ($A (LTFGetValue)
NIL MakeBackLink)
Tested? #.NotSetValue)
(AltTest #.NotSetValue Tested? #.NotSetValue)
(SyntaxTest #.NotSetValue Tested? #.NotSetValue)
(UsesObj #. ($A (LD4 LD3 LD2 LD1 LOOPSTestClassLD)
NIL AllowRemove)))
```

```
(DEFINST LOOPSTestBasic (LTMethod "OER@@E #")
(name #. ($A LTMethod NIL RememberName))
(TestDesc "the basic mechanisms for methods")
(TestExpr T)
(SubTest #. ($A (LTP1)
NIL MakeBackLink)
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    Tested? #.NotSetValue)
  (PreTest #. ($A (LTFSend)
    NIL MakeBackLink)
    Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue))

(DEFINST LOOPSTestBasic (LTOBJECT "OER@@EÚ9")
  (name #. ($A LTOBJECT NIL RememberName)))

(DEFINST LOOPSTestBasic (LTActiveValue "OER@@EÚ8")
  (name #. ($A LTActiveValue NIL RememberName)))

(DEFINST LOOPSTestLispFunc (LTFSend "OER@@E *")
  (name #. ($A LTFSend NIL RememberName))
  (TestDesc "invoked message executes properly")
  (SetUp (SEND ($ LTC1)
    SENDTest1
    (QUOTE Var1)
    5))
  (TestExpr (EQ (GetValue ($ LTC1)
    (QUOTE Var1))
    5)
    FailedExpr #.NotSetValue)
  (ResetExp (PutValue ($ LTC1)
    (QUOTE Var1)
    NotSetValue))
  (SubTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (PreTest #. ($A (LTFPutValue LTFGetValue)
    NIL MakeBackLink)
    Tested? #.NotSetValue Failed #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (CasesUsed #. ($A (LTC1)
    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (LispName SEND))

(DEFINST LOOPSTestLispFunc (LTFGetValue "OER@@E +")
  (name #. ($A LTFGetValue NIL RememberName))
  (TestDesc "GetValue")
  (TestExpr (EQUAL (GetValue ($ LOOPSTestCases)
    (QUOTE GV1))
    (QUOTE LTP10))
    FailedExpr #.NotSetValue)
  (SubTest #. ($A (LAVGetValue LTP14 LTP12 LTP10 LTP9)
    NIL MakeBackLink)
    Tested? #.NotSetValue Failed #.NotSetValue)
  (PreTest #. ($A NIL NIL MakeBackLink)
    Tested? #.NotSetValue Failed #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestCases)
    NIL AllowRemove))
  (LispName GetValue))

(DEFINST LOOPSTestLispFunc (LTFPutValue "OER@@E 2")
  (name #. ($A LTFPutValue NIL RememberName))
  (TestDesc "PutValue")
  [SetUp (SETQ LTV21 (PutValue ($ LTCA2)
    (QUOTE PV1)
    (QUOTE PutValue)
    (QUOTE PutValue))
    (TestExpr (ANDALL (EQUAL (GetValue ($ LTCA2)
    (QUOTE PV1))
    (QUOTE PutValue))
    (ATEST (EQUAL LTV21 (QUOTE PutValue))
    "PutValue returns newValue"))
    FailedExpr #.NotSetValue)
  (ResetExp (PutValue ($ LTCA2)
    (QUOTE PV1)
    (QUOTE Value)))
  (SubTest #. ($A (LAVPutValue LTP19 LTP18 LTP17 LTP16)
    NIL MakeBackLink)
    Tested? #.NotSetValue Failed #.NotSetValue)
  (PreTest #. ($A (LTFGetValue)
    NIL MakeBackLink)
    Tested? #.NotSetValue Failed #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (CasesUsed #. ($A (LTCA2)
    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue Failed #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass1)
    NIL AllowRemove))
  (LispName PutValue))

(DEFINST LOOPSTestPrimitive (LTP86 "Y_SC@8e")
  (name #. ($A LTP86 NIL RememberName))
  (TestDesc "Dumping instances to file and compiling file")

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[SetUp (PROGN (LTLoadFile (QUOTE LTLOAD))
              (SETQ LTDUMPCCOMS LTLOADCOMS)
              (MAKEFILE (QUOTE LTDUMPC)
                        (QUOTE (C F)))
              (for x in LTLOADINSTANCES do (_ (GetObjectRec x)
                                                Destroy))
              (LOAD (QUOTE LTDUMPC.DCOM)
              [TestExpr (AND (TestLoadedInstances ($ LD4))
                            (TestLoadedInstances ($ LD1]
              (SubTestOf #. ($A (LTDumpInstance)
                              NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP1 "OGR@@E ")
  (name #. ($A LTP1 NIL RememberName))
  (TestDesc "local method overrides inherited method")
  (SetUp (SEND ($ LTC2)
                SENDTest2
                (QUOTE Var2)
                7))
  (TestExpr (EQ (GetValue ($ LTC2)
                        (QUOTE Var2))
                7))
  (ResetExp (PutValue ($ LTC2)
                      (QUOTE Var2)
                      NotSetValue))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #. ($A (LTFGetValue LTFPutValue)
                  BuildPreTest MakeBackLink)
            Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC2)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestSuper)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTMMethod)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LAVGetValue "OYR@@E'~")
  (name #. ($A LAVGetValue NIL RememberName))
  (TestDesc "Active Value: default GetFn")
  (TestExpr (EQUAL (GetValue ($ LTCF1)
                            (QUOTE AV1))
                (QUOTE LTC6)))
  (SubTest #. ($A (LTP57 LTP54 LTP53)
                  NIL MakeBackLink)
            Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTCF1)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass6)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTFGetValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP14 "ONR@@A ")
  (name #. ($A LTP14 NIL RememberName))
  (TestDesc "GetValue works for a newly added IV to class")
  (SetUp (SEND ($ LOOPSTestClass1)
                Add
                (QUOTE IV)
                (QUOTE GV2)
                (QUOTE LTP14)))
  (TestExpr (EQUAL (GetValue ($ LTCA1)
                            (QUOTE GV2))
                (QUOTE LTP14)))
  (ResetExp (SEND ($ LOOPSTestClass1)
                  Delete
                  (QUOTE IV)
                  (QUOTE GV2)))
  (SubTest #. ($A (LTP15)
                  NIL MakeBackLink)
            Tested? #.NotSetValue)
  (PreTest #. ($A (LTMDDeleteInClass LTMAAdd)
                  BuildPreTest MakeBackLink)
            Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTCA1)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass1)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTFGetValue)
                    NIL MakeBackLink)))

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(DEFINST LOOPSTestPrimitive (LTP12 "ONR@@AÜ")
  (name #. ($A LTP12 NIL RememberName))
  (TestDesc "GetValue gets local over inherited")
  (TestExpr (EQUAL (GetValue ($ LTC6)
                          (QUOTE GV1))
                    (QUOTE LTP12)))
  (SubTest #. ($A (LTP13)
                  NIL MakeBackLink)
    Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC6)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestCases)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTFGetValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP10 "ONR@@A-")
  (name #. ($A LTP10 NIL RememberName))
  (TestDesc "GetValue inherits value")
  (TestExpr (EQUAL (GetValue ($ LTC5)
                          (QUOTE GV1))
                    (QUOTE LTP10)))
  (SubTest #. ($A (LTP11)
                  NIL MakeBackLink)
    Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC5)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestCases)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTFGetValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP9 "ONR@@Aò")
  (name #. ($A LTP9 NIL RememberName))
  (TestDesc "GetValue a prop")
  (TestExpr (EQUAL (GetValue ($ LTC4)
                          (QUOTE Var4)
                          (QUOTE Prop1))
                    2))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC4)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (SubTestOf #. ($A (LTFGetValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LAVPutValue "OYR@@EÉÁ")
  (name #. ($A LAVPutValue NIL RememberName))
  (TestDesc "Active Value: Put using default fn")
  [SetUp (SETQ LTV21 (PutValue ($ LTCF2)
                              (QUOTE AV3)
                              (QUOTE LAVPut))
  (TestExpr (ANDALL (EQUAL (GetValue ($ LTCF2)
                              (QUOTE AV3))
                            (QUOTE LAVPut))
                (ATEST (EQUAL LTV21 (QUOTE LAVPut))
                        "PutValue returns newValue"))
  (ResetExp (PutValue ($ LTCF2)
                      (QUOTE AV3)
                      (QUOTE LTC6)))
  (SubTest #. ($A (LTP58 LTP56 LTP55)
                  NIL MakeBackLink))
  (PreTest #. ($A (LAVGetValue)
                  BuildPreTest MakeBackLink))
  (CasesUsed #. ($A (LTCF2)
                    NIL MakeBackLink))
  (UsesObj #. ($A (LOOPSTestClass6)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTFPutValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP19 "ONR@@AÁ-")
  (name #. ($A LTP19 NIL RememberName))
  (TestDesc "PutValue works for a newly added IV to class")
  [SetUp (PROGN (SEND ($ LOOPSTestClass1)
                      New
                      (QUOTE LTCA4))
                (SEND ($ LOOPSTestClass1)
                      Add

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(QUOTE IV)
(QUOTE NewPV1)
(QUOTE DEF))
(SETQ LTV21 (PutValue ($ LTCA4)
(QUOTE NewPV1)
(QUOTE LTP19)
(TestExpr (ANDALL (EQUAL (GetValue ($ LTCA4)
(QUOTE NewPV1))
(QUOTE LTP19))
(ATEST (EQUAL LTV21 (QUOTE LTP19))
"PutValue returns newValue"))))
[ResetExp (PROGN (SEND ($ LTCA4)
Destroy)
(SEND ($ LOOPSTestClass1)
Delete
(QUOTE IV)
(QUOTE NewPV1)
(SubTest #. ($A (LTP20)
NIL MakeBackLink)
Tested? #.NotSetValue)
(PreTest #. ($A (LTMNew LTMDeleteInClass LTMAdd)
BuildPreTest MakeBackLink)
Tested? #.NotSetValue)
(AltTest #.NotSetValue Tested? #.NotSetValue)
(CasesUsed #. ($A (LTCA4)
NIL MakeBackLink))
(SyntaxTest #.NotSetValue Tested? #.NotSetValue)
(UsesObj #. ($A (LOOPSTestClass1)
NIL AllowRemove))
(SubTestOf #. ($A (LTFPutValue)
NIL MakeBackLink)))
(DEFINST LOOPSTestPrimitive (LTP18 "ONR@@AAÔ")
(name #. ($A LTP18 NIL RememberName))
(TestDesc "PutValue a prop on an inherited IV")
[SetUp (SETQ LTV21 (PutValue ($ LTCA3)
(QUOTE PV2)
(QUOTE LTP18)
(QUOTE Prop1)
(TestExpr (ANDALL (EQUAL (GetValue ($ LTCA3)
(QUOTE PV2)
(QUOTE Prop1))
(QUOTE LTP18))
(ATEST (EQUAL LTV21 (QUOTE LTP18))
"PutValue returns newValue"))))
(ResetExp (PutValue ($ LTCA3)
(QUOTE PV2)
NotSetValue
(QUOTE Prop1)))
(PreTest #. ($A (LTP9)
BuildPreTest MakeBackLink))
(CasesUsed #. ($A (LTCA3)
NIL MakeBackLink))
(SubTestOf #. ($A (LTFPutValue)
NIL MakeBackLink)))
(DEFINST LOOPSTestPrimitive (LTP17 "ONR@@AAÓ")
(name #. ($A LTP17 NIL RememberName))
(TestDesc "PutValue on an inherited IV")
[SetUp (SETQ LTV21 (PutValue ($ LTCA3)
(QUOTE PV2)
(QUOTE LTP17)
(TestExpr (ANDALL (EQUAL (GetValue ($ LTCA3)
(QUOTE PV2)
(QUOTE LTP17))
(ATEST (EQUAL LTV21 (QUOTE LTP17))
"PutValue returns newValue"))))
(ResetExp (PutValue ($ LTCA3)
(QUOTE PV2)
NotSetValue))
(CasesUsed #. ($A (LTCA3)
NIL MakeBackLink))
(SubTestOf #. ($A (LTFPutValue)
NIL MakeBackLink)))
(DEFINST LOOPSTestPrimitive (LTP16 "ONR@@AAÑ")
(name #. ($A LTP16 NIL RememberName))
(TestDesc "PutValue a prop on a local IV")
[SetUp (SETQ LTV21 (PutValue ($ LTCA2)
(QUOTE PV1)
(QUOTE LTP16)
(QUOTE Prop1)
(TestExpr (ANDALL (EQUAL (GetValue ($ LTCA2)
(QUOTE PV1)
(QUOTE Prop1))
(QUOTE LTP16))
(ATEST (EQUAL LTV21 (QUOTE LTP16))

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        "PutValue returns newValue"))
(ResetExp (PutValue ($ LTCA2)
    (QUOTE PV1)
    (QUOTE LTP16)
    NIL))
(PreTest #. ($A (LTP9)
    BuildPreTest MakeBackLink))
(CasesUsed #. ($A (LTCA2)
    NIL MakeBackLink))
(SubTestOf #. ($A (LTFPutValue)
    NIL MakeBackLink))

(DEFINST LOOPSTestPrimitive (LTP57 "OYR@@EÉÀ")
  (name #. ($A LTP57 NIL RememberName))
  (TestDesc "Embedded Active Val: Get using user fn")
  (TestExpr (EQUAL (GetValue ($ LTCF1)
    (QUOTE AV5))
    (QUOTE LTP57)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #. ($A (LTFGetLocalState)
    BuildPreTest MakeBackLink)
    Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTCF1)
    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass6)
    NIL AllowRemove))
  (SubTestOf #. ($A (LAVGetValue)
    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP54 "OYR@@EÉ ")
  (name #. ($A LTP54 NIL RememberName))
  (TestDesc "Active Val: Get using user fn")
  (TestExpr (EQUAL (GetValue ($ LTCF1)
    (QUOTE AV2))
    (QUOTE LTC6)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #. ($A (LTFGetLocalState)
    BuildPreTest MakeBackLink)
    Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTCF1)
    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass6)
    NIL AllowRemove))
  (SubTestOf #. ($A (LAVGetValue)
    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP53 "OYR@@E` ")
  (name #. ($A LTP53 NIL RememberName))
  (TestDesc "Active Value: Get prop using default fn")
  (TestExpr (EQUAL (GetValue ($ LTCF1)
    (QUOTE AV1)
    (QUOTE Prop1))
    (QUOTE LTC6)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTCF1)
    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestClass6)
    NIL AllowRemove))
  (SubTestOf #. ($A (LAVGetValue)
    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP15 "ONR@@A!")
  (name #. ($A LTP15 NIL RememberName))
  (TestDesc "GetValue works for a newly added IVProp to class")
  (SetUp (SEND ($ LOOPSTestClass1)
    Add
    (QUOTE IV)
    (QUOTE GV2)
    (QUOTE LTP15)
    (QUOTE Prop1)))
  (TestExpr (EQUAL (GetValue ($ LTCA1)
    (QUOTE GV2)
    (QUOTE Prop1))
    (QUOTE LTP15)))
  (ResetExp (SEND ($ LOOPSTestClass1)
    Delete
    (QUOTE IV)
    (QUOTE GV2)
    (QUOTE Prop1)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)

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(PreTest #. ($A (LTMDDeleteInClass LTMAdd)
              BuildPreTest MakeBackLink)
  Tested? #.NotSetValue)
(AltTest #.NotSetValue Tested? #.NotSetValue)
(CasesUsed #. ($A (LTCa1)
                  NIL MakeBackLink))
(SyntaxTest #.NotSetValue Tested? #.NotSetValue)
(UsesObj #. ($A (LOOPSTestClass1)
                NIL AllowRemove))
(SubTestOf #. ($A (LTP14)
                  NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP13 "ONR@@Aÿ")
  (name #. ($A LTP13 NIL RememberName))
  (TestDesc "GetValue inherits prop, though var has local value")
  (TestExpr (EQUAL (GetValue ($ LTC6)
                           (QUOTE GV1)
                           (QUOTE Prop1))
                  (QUOTE LTP11)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC6)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (SubTestOf #. ($A (LTP12)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP11 "ONR@@AŮ")
  (name #. ($A LTP11 NIL RememberName))
  (TestDesc "GetValue inherits prop")
  (TestExpr (EQUAL (GetValue ($ LTC5)
                           (QUOTE GV1)
                           (QUOTE Prop1))
                  (QUOTE LTP11)))
  (SubTest #.NotSetValue Tested? #.NotSetValue)
  (PreTest #.NotSetValue Tested? #.NotSetValue)
  (AltTest #.NotSetValue Tested? #.NotSetValue)
  (CasesUsed #. ($A (LTC5)
                    NIL MakeBackLink))
  (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
  (UsesObj #. ($A (LOOPSTestCases)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LTP10)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP58 "OYR@@EÉÄ")
  (name #. ($A LTP58 NIL RememberName))
  (TestDesc "Embedded Active Val: Put using user fn")
  [SetUp (SETQ LTV21 (PutValue ($ LTCF2)
                              (QUOTE AV6)
                              (QUOTE LTP58]
  (TestExpr (ANDALL (EQUAL (GetValue ($ LTCF2)
                              (QUOTE AV6))
                          (QUOTE LTP58))
            (ATEST (EQUAL LTV21 (QUOTE LTP58))
                  "PutValue returns newValue"))
  (ResetExp (PutValue ($ LTCF2)
                     (QUOTE AV6)
                     (QUOTE LTC6)))
  (PreTest #. ($A (LTFPutLocalState)
                  BuildPreTest MakeBackLink))
  (CasesUsed #. ($A (LTCF2)
                    NIL MakeBackLink))
  (UsesObj #. ($A (LOOPSTestClass6)
                  NIL AllowRemove))
  (SubTestOf #. ($A (LAVPutValue)
                    NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP56 "OYR@@EÉÄ")
  (name #. ($A LTP56 NIL RememberName))
  (TestDesc "Active Value: Put using user fn")
  [SetUp (SETQ LTV21 (PutValue ($ LTCF2)
                              (QUOTE AV4)
                              (QUOTE LTP56]
  (TestExpr (ANDALL (EQUAL (GetValue ($ LTCF2)
                              (QUOTE AV4))
                          (QUOTE LTP56))
            (ATEST (EQUAL LTV21 (QUOTE LTP56))
                  "PutValue returns newValue"))
  (ResetExp (PutValue ($ LTCF2)
                     (QUOTE AV4)
                     (QUOTE LTC6)))
  (PreTest #. ($A (LTFPutLocalState)
                  BuildPreTest MakeBackLink))
  (CasesUsed #. ($A (LTCF2)
                    NIL MakeBackLink))

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(UsesObj #. ($A (LOOPSTestClass6)
                NIL AllowRemove))
(SubTestOf #. ($A (LAVPutValue)
                  NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP55 "OYR@@EÉÂ")
  (name #. ($A LTP55 NIL RememberName))
  (TestDesc "Active Value: Put prop using default fn")
  [SetUp (SETQ LTV21 (PutValue ($ LTCF2)
                              (QUOTE AV3)
                              (QUOTE LTP55)
                              (QUOTE Prop1))
          (TestExpr (ANDALL (EQUAL (GetValue ($ LTCF2)
                                              (QUOTE AV3)
                                              (QUOTE Prop1))
                                  (QUOTE LTP55))
                            (ATEST (EQUAL LTV21 (QUOTE LTP55))
                                   "PutValue returns newValue"))))
          (ResetExp (PutValue ($ LTCF2)
                              (QUOTE AV3)
                              (QUOTE LTCF6)
                              (QUOTE Prop1)))
          (CasesUsed #. ($A (LTCF2)
                            NIL MakeBackLink))
          (UsesObj #. ($A (LOOPSTestClass6)
                          NIL AllowRemove))
          (SubTestOf #. ($A (LAVPutValue)
                            NIL MakeBackLink)))

  (DEFINST LOOPSTestPrimitive (LTP20 "ONR@@AAÚ")
    (name #. ($A LTP20 NIL RememberName))
    (TestDesc "PutValue: a prop on a newly added IV to class")
    [SetUp (PROGN (SEND ($ LOOPSTestClass1)
                        New
                        (QUOTE LTCA5))
                  (SEND ($ LOOPSTestClass1)
                        Add
                        (QUOTE IV)
                        (QUOTE SecondNewPV1)
                        (QUOTE Def))
                  (SEND ($ LOOPSTestClass1)
                        Add
                        (QUOTE IVProp)
                        (QUOTE SecondNewPV1)
                        (QUOTE Def)
                        (QUOTE Prop1))
                  (SETQ LTV21 (PutValue ($ LTCA5)
                                          (QUOTE SecondNewPV1)
                                          (QUOTE LTP20)
                                          (QUOTE Prop1))
          (TestExpr (ANDALL (EQUAL (GetValue ($ LTCA5)
                                              (QUOTE SecondNewPV1)
                                              (QUOTE Prop1))
                                  (QUOTE LTP20))
                            (ATEST (EQUAL LTV21 (QUOTE LTP20))
                                   "PutValue returns newValue"))))
          [ResetExp (PROGN (SEND ($ LTCA5)
                                Destroy)
                            (SEND ($ LOOPSTestClass1)
                                Delete
                                (QUOTE IV)
                                (QUOTE SecondNewPV1])
          (SubTest #.NotSetValue Tested? #.NotSetValue)
          (PreTest #. ($A NIL BuildPreTest MakeBackLink)
                    Tested? #.NotSetValue)
          (AltTest #.NotSetValue Tested? #.NotSetValue)
          (CasesUsed #. ($A (LTCA5)
                            NIL MakeBackLink))
          (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
          (UsesObj #. ($A (LOOPSTestClass1)
                          NIL AllowRemove))
          (SubTestOf #. ($A (LTP19)
                            NIL MakeBackLink)))

  (PUTPROPS LTCORETESTS COPYRIGHT ("Xerox Corporation" 1985 1986))

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VARIABLE INDEX

LTCORETESTSINSTANCES1