File created: *23-Apr-86 16:27:13* **{POGO:PARC:XEROX}<LOOPS>TESTER>LTPUTMETHODTEST.;3**

changes to: *(VARS LTPutMethodTestInstances)*

previous date: *21-Apr-86 14:08:00 {POGO:PARC:XEROX}<LOOPS>TESTER>LTPUTMETHODTEST.;2*

Read Table: *OLD-INTERLISP-FILE*

Package: *INTERLISP*

Format: *MCCS*

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```
(RPAQQ LTPUTMETHODTESTCOMS ((* File created by MITTAL)
                            (* Database of Test Instances for Put and GetMethod tests)
                            (CLASSES)
                            (METHODS)
                            (FNS)
                            (VARS)
                            (INSTANCES * LTPutMethodTestInstances)))
```

(* * File created by MITTAL)

(* * Database of Test Instances for Put and GetMethod tests)

```
(DEFCLASSES)

(RPAQQ LTPutMethodTestInstances (LTFGetMethod LTFPutMethod LTP49 LTP48 LTP52 LTP51 LTP73 LTP68 LTP50 LTP74 LTP72 LTP71
                                              LTP65 LTP47))

(DEFINST LOOPSTestLispFunc (LTFGetMethod "OER@@E▌>")
        (name #. ($A LTFGetMethod NIL RememberName))
        (TestDesc "GetMethod: local selector")
        [TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                         (QUOTE M1))
                              (QUOTE LOOPSTestClassL1.M1))
                       (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                         (QUOTE M3))
                              (QUOTE LOOPSTestClassL1.M3]
        (SubTest #. ($A (LTP73 LTP69 LTP68 LTP67)
                        NIL MakeBackLink)
                Tested? #.NotSetValue)
        (PreTest #.NotSetValue Tested? T)
        (AltTest #.NotSetValue Tested? #.NotSetValue)
        (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
        (UsesObj #. ($A (LOOPSTestClassL1)
                        NIL AllowRemove))
        (LispName GetMethod))

(DEFINST LOOPSTestLispFunc (LTFPutMethod "OER@@E▌?")
        (name #. ($A LTFPutMethod NIL RememberName))
        (TestDesc "PutMethod: selector")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                          (QUOTE PM1)
                          (QUOTE LOOPSTestClass3.PM1)))
        [TestExpr (FMEMB (QUOTE LOOPSTestClass3.PM1)
                         (CalledFns (QUOTE (LOOPSTestClass3]
        (ResetExp (SEND ($ LOOPSTestClass3)
                        Delete
                        (QUOTE Method)
                        (QUOTE PM1)))
        (SubTest #. ($A (LTP52 LTP51 LTP49 LTP48)
                        NIL MakeBackLink)
                Tested? #.NotSetValue)
        (PreTest #. ($A (LTFCalledFns)
                        NIL MakeBackLink)
                Tested? T)
        (AltTest #.NotSetValue Tested? #.NotSetValue)
        (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
        (UsesObj #. ($A (LOOPSTestClass3)
                        NIL AllowRemove))
        (LispName PutMethod))

(DEFINST LOOPSTestPrimitive (LTP49 "OYR@@E▌")
        (name #. ($A LTP49 NIL RememberName))
        (TestDesc "PutMethod: prop")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                          (QUOTE PM1)
                          (QUOTE LTP49)
                          (QUOTE Prop1)))
        (TestExpr (EQUAL (GetMethod ($ LOOPSTestClass3)
                                    (QUOTE PM1)
                                    (QUOTE Prop1))
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                              (QUOTE LTP49)))
        (ResetExp (SEND ($ LOOPSTestClass3)
                        Delete
                        (QUOTE Method)
                        (QUOTE PM1)
                        (QUOTE Prop1)))
        (PreTest #. ($A (LTFGetMethod)
                        BuildPreTest MakeBackLink)
                Tested? T)
        (UsesObj #. ($A (LOOPSTestClass3)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFPutMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP48 "OYR@@E▌")
        (name #. ($A LTP48 NIL RememberName))
        (TestDesc "PutMethod: local selector over inherited")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                        (QUOTE PM2)
                        (QUOTE LOOPSTestClass3.PM2)))
        [TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClass3)
                                         (QUOTE PM2))
                              (QUOTE LOOPSTestClass3.PM2))
                       (EQUAL (GetMethod ($ LOOPSTestCases)
                                         (QUOTE PM2))
                              (QUOTE LOOPSTestCases.PM2]
        (SubTest #. ($A (LTP50)
                        NIL MakeBackLink))
        (PreTest #. ($A (LTFGetMethod)
                        BuildPreTest MakeBackLink)
                Tested? T)
        (UsesObj #. ($A (LOOPSTestCases LOOPSTestClass3)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFPutMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP52 "OYR@@E▌")
        (name #. ($A LTP52 NIL RememberName))
        (TestDesc "PutMethod: inherited prop, local selector")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                        (QUOTE PM3)
                        (QUOTE LTP52)
                        (QUOTE Prop1)))
        [TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClass3)
                                         (QUOTE PM3)
                                         (QUOTE Prop1))
                              (QUOTE LTP52))
                       (EQUAL (GetMethod ($ LOOPSTestCases)
                                         (QUOTE PM3)
                                         (QUOTE Prop1))
                              (QUOTE LTC]
        [ResetExp (PROGN (PutMethod ($ LOOPSTestCases)
                                    (QUOTE PM3)
                                    (QUOTE LTC)
                                    (QUOTE Prop1))
                         (SEND ($ LOOPSTestClass3)
                               Delete
                               (QUOTE Method)
                               (QUOTE PM3)
                               (QUOTE Prop1]
        (PreTest #. ($A (LTFGetMethod)
                        BuildPreTest MakeBackLink)
                Tested? T)
        (UsesObj #. ($A (LOOPSTestClass3 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFPutMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP51 "OYR@@E▌")
        (name #. ($A LTP51 NIL RememberName))
        (TestDesc "PutMethod: inherited selector")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                        (QUOTE PM4)
                        (QUOTE LOOPSTestClass3.PM4)))
        [TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClass3)
                                         (QUOTE PM4))
                              (QUOTE LOOPSTestClass3.PM4))
                       (EQUAL (GetMethod ($ LOOPSTestCases)
                                         (QUOTE PM4))
                              (QUOTE LOOPSTestCases.PM4]
        [ResetExp (PROGN (SEND ($ LOOPSTestClass3)
                               Delete
                               (QUOTE Method)
                               (QUOTE PM4))
                         (PutMethod ($ LOOPSTestCases)
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                                    (QUOTE PM4)
                                    (QUOTE LOOPSTestCases.PM4]
        (SubTest #.NotSetValue Tested? #.NotSetValue)
        (PreTest #. ($A (LTFGetMethod)
                        BuildPreTest MakeBackLink)
                Tested? T)
        (AltTest #.NotSetValue Tested? #.NotSetValue)
        (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
        (UsesObj #. ($A (LOOPSTestClass3 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFPutMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP73 "O\R@@[▌q")
        (name #. ($A LTP73 NIL RememberName))
        (TestDesc "GetMethod: newly added selector to super class")
        (SetUp (SEND ($ LOOPSTestCases)
                     Add
                     (QUOTE Method)
                     (QUOTE GM5)
                     (QUOTE LOOPSTestCases.GM5)))
        (TestExpr (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                    (QUOTE GM5))
                         (QUOTE LOOPSTestCases.GM5)))
        (ResetExp (SEND ($ LOOPSTestCases)
                        Delete
                        (QUOTE Method)
                        (QUOTE GM5)))
        (SubTest #. ($A (LTP74)
                        NIL MakeBackLink))
        (PreTest #. ($A (LTMAdd)
                        BuildPreTest MakeBackLink)
                Tested? T)
        (UsesObj #. ($A (LOOPSTestClassL1 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFGetMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP68 "O\R@@[▌l")
        (name #. ($A LTP68 NIL RememberName))
        (TestDesc "GetMethod: prop")
        (TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                         (QUOTE M1)
                                         (QUOTE Prop1))
                              T)
                       (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                         (QUOTE M1)
                                         (QUOTE args))
                              NIL)))
        (SubTest #. ($A (LTP72 LTP71 LTP70)
                        NIL MakeBackLink))
        (PreTest #.NotSetValue Tested? T)
        (UsesObj #. ($A (LOOPSTestClassL1)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTFGetMethod)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP50 "OYR@@E▌")
        (name #. ($A LTP50 NIL RememberName))
        (TestDesc "PutMethod: local prop over inherited")
        (SetUp (PutMethod ($ LOOPSTestClass3)
                          (QUOTE PM2)
                          (QUOTE LTP50)
                          (QUOTE Prop1)))
        [TestExpr (AND (EQUAL (GetMethod ($ LOOPSTestClass3)
                                         (QUOTE PM2)
                                         (QUOTE Prop1))
                              (QUOTE LTP50))
                       (EQUAL (GetMethod ($ LOOPSTestCases)
                                         (QUOTE PM2)
                                         (QUOTE Prop1))
                              (QUOTE LTC]
        (PreTest #.NotSetValue Tested? T)
        (UsesObj #. ($A (LOOPSTestClass3 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP48)
                          NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP74 "O\R@@[▌r")
        (name #. ($A LTP74 NIL RememberName))
        (TestDesc "GetMethod: newly added prop to super class")
        (SetUp (SEND ($ LOOPSTestCases)
                     Add
                     (QUOTE Method)
                     (QUOTE GM5)
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                        (QUOTE LTC)
                        (QUOTE Prop1)))
        (TestExpr (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                    (QUOTE GM5)
                                    (QUOTE Prop1))
                         (QUOTE LTC)))
        (ResetExp (SEND ($ LOOPSTestCases)
                        Delete
                        (QUOTE Method)
                        (QUOTE GM5)
                        (QUOTE Prop1)))
        (PreTest #.NotSetValue Tested? T)
        (UsesObj #. ($A (LOOPSTestClassL1 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP73)
                        NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP72 "O\R@@[▌p")
        (name #. ($A LTP72 NIL RememberName))
        (TestDesc "GetMethod: local prop over inherited")
        (TestExpr (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                    (QUOTE M2)
                                    (QUOTE Prop2))
                         T))
        (PreTest #.NotSetValue Tested? T)
        (UsesObj #. ($A (LOOPSTestCases LOOPSTestClassL1)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP68)
                        NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP71 "O\R@@[▌o")
        (name #. ($A LTP71 NIL RememberName))
        (TestDesc "GetMethod: local selector, inherited prop")
        (TestExpr (EQUAL (GetMethod ($ LOOPSTestClassL1)
                                    (QUOTE M2)
                                    (QUOTE Prop1))
                         (QUOTE LTC)))
        (PreTest #.NotSetValue Tested? T)
        (UsesObj #. ($A (LOOPSTestClassL1 LOOPSTestCases)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP68)
                        NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP65 "O\R@@[▌")
        (name #. ($A LTP65 NIL RememberName))
        (TestDesc "List in CLASS: Method props")
        [TestExpr (AND [EQUAL (QUOTE (Prop1 args doc))
                               (INTERSECTION (QUOTE (Prop1 args doc))
                                       (SEND ($ LOOPSTestClassL1)
                                             List
                                             (QUOTE Method)
                                             (QUOTE M1]
                       (EQUAL (QUOTE (args doc))
                               (INTERSECTION (QUOTE (args doc))
                                       (SEND ($ LOOPSTestClassL1)
                                             List
                                             (QUOTE Method)
                                             (QUOTE M3]
        (SubTest #.NotSetValue Tested? #.NotSetValue)
        (PreTest #.NotSetValue Tested? T)
        (AltTest #.NotSetValue Tested? #.NotSetValue)
        (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
        (UsesObj #. ($A (LOOPSTestClassL1)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP63)
                        NIL MakeBackLink)))

(DEFINST LOOPSTestPrimitive (LTP47 "OVR@@A▌▌")
        (name #. ($A LTP47 NIL RememberName))
        (TestDesc "Delete in CLASS: prop of method")
        [SetUp (PROGN (SEND ($ LOOPSTestClass5)
                            Delete
                            (QUOTE Method)
                            (QUOTE DM2)
                            (QUOTE Prop1))
                      (SETQ LTV3 (SEND ($ LOOPSTestClass5)
                                       List
                                       (QUOTE Method)
                                       (QUOTE DM2]
        (TestExpr (AND (ATEST (NOT (FMEMB (QUOTE Prop1)
                                          LTV3))
                              "deleted property is no longer there")
                       (ATEST (FMEMB (QUOTE doc)
                                     LTV3)
                              "other properties were not deleted")))
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        [ResetExp (PROGN (SEND ($ LOOPSTestClass5)
                               Add
                               (QUOTE Method)
                               (QUOTE DM2)
                               NIL
                               (QUOTE Prop1))
                         (SEND ($ LOOPSTestClass5)
                               Add
                               (QUOTE Method)
                               (QUOTE DM2)
                               (QUOTE (* used by LTP47))
                               (QUOTE doc]
        (SubTest #.NotSetValue Tested? #.NotSetValue)
        (PreTest #.NotSetValue Tested? T)
        (AltTest #.NotSetValue Tested? #.NotSetValue)
        (SyntaxTest #.NotSetValue Tested? #.NotSetValue)
        (UsesObj #. ($A (LOOPSTestClass5)
                        NIL AllowRemove))
        (SubTestOf #. ($A (LTP43)
                          NIL MakeBackLink)))

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VARIABLE INDEX

LTPutMethodTestInstances 1