

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: XCCS

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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@@E0")
(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))
(QUOTE LTP49)))
(ResetExp (SEND ($ LOOPSTestClass3)
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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@@EÚ")
(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@@Eÿ")
(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@@EÜ")
(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)
(QUOTE PM4)
(QUOTE LOOPSTestCases.PM4]
(SubTest #.NotSetValue Tested? #.NotSetValue)
(PreTest #. ($A (LTFGetMethod)

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        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@Eü"
    (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)
        (QUOTE LTC)
        (QUOTE Prop1)))
    (TestExpr (EQUAL (GetMethod ($ LOOPSTestClassL1)
        (QUOTE GM5)
        (QUOTE Prop1))
        (QUOTE LTC)))

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(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)))
        (TestExpr (AND (ATEST (NOT (FMEMB (QUOTE Prop1)
          LTV3))
            "deleted property is no longer there")
            (ATEST (FMEMB (QUOTE doc)
          LTV3)
            "other properties were not deleted")))]
  (ResetExp (PROGN (SEND ($ LOOPSTestClass5)
    Add
    (QUOTE Method)
    (QUOTE DM2)
    NIL
    (QUOTE Prop1))
    (SEND ($ LOOPSTestClass5)
    Add

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(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

LTPutMethodTestInstances1
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