

```

reduce in EXPREMINT : metaSearch(CL('SYSTEM), 'initial1.Meta-Config, 'Base-state`(`)Local-
OB`(`)Global-OB`(`)[_`[_`BC:Config,[_`,`,_`,`]
['p2.Pid,'p1.Pid,'t2.Token]],'LB:ListPair,'`,``,``,`[_`[_`LB1:ListPair,'N1:Nat, 'N2:Nat,'terminate.Global-state]],
nil, '*', unbounded, 0) .

```

rewrites: 166457 in 247ms cpu (249ms real) (672654 rewrites/second)

```

result ResultTriple: {'Base-state`(`)Local-OB`(`)Global-OB`(`)[_`[_`
  '<`,``,`>['p1.Pid,'passive.StatePs,'none.Token], '<`,``,`>['p2.Pid,
  'active.StatePs,'none.Token], '<`,``,`>['p3.Pid,'passive.StatePs,
  'none.Token],[_`,``,`][_`[_`p1.Pid,'p2.Pid,'empChan.MsgSet],[_`,``,`][_`[_`
  'p1.Pid,'p3.Pid,'empChan.MsgSet],[_`,``,`][_`[_`p2.Pid,'p1.Pid,'t2.Token],
  '[_`,``,`][_`[_`p2.Pid,'p3.Pid,'empChan.MsgSet],[_`,``,`][_`[_`p3.Pid,'p1.Pid,
  'empChan.MsgSet],[_`,``,`][_`[_`p3.Pid,'p2.Pid,'empChan.MsgSet]],[_`[_`
  '`,``,``,`[_`[_`p1.Pid,'s_['0.Zero], 's_['0.Zero], 's_['0.Zero]], '`,``,``,`[_`[_`
  'p2.Pid,'s_^2['0.Zero], 's_['0.Zero], 's_['0.Zero]], '`,``,``,`[_`[_`p3.Pid,
  '0.Zero,'0.Zero,'s_['0.Zero]], '`,``,``,`[_`[_`[_`[_``,``,``,`[_`[_`p1.Pid,'s_['
  '0.Zero], 's_['0.Zero], '0.Zero], '`,``,``,`[_`[_`p2.Pid,'0.Zero,'0.Zero,
  '0.Zero], '`,``,``,`[_`[_`p3.Pid,'0.Zero,'0.Zero,'0.Zero]], 's_^3['0.Zero],
  's_^3['0.Zero], 'terminate.Global-state]], 'Meta-Config,
'BC:Config <- '[_`[_`[_`[_``,``,``,`>['p1.Pid,'passive.StatePs,'none.Token],
  '<`,``,`>['p2.Pid,'active.StatePs,'none.Token], '<`,``,`>['p3.Pid,
  'passive.StatePs,'none.Token],[_`,``,`][_`[_`p1.Pid,'p2.Pid,
  'empChan.MsgSet],[_`,``,`][_`[_`p1.Pid,'p3.Pid,'empChan.MsgSet],
  '[_`,``,`][_`[_`p2.Pid,'p3.Pid,'empChan.MsgSet],[_`,``,`][_`[_`p3.Pid,'p1.Pid,
  'empChan.MsgSet],[_`,``,`][_`[_`p3.Pid,'p2.Pid,'empChan.MsgSet]] ;
'LB1:ListPair <- '[_`[_`[_`[_``,``,``,``,`[_`[_`p1.Pid,'s_['0.Zero], 's_['0.Zero],
  '0.Zero], '`,``,``,`[_`[_`p2.Pid,'0.Zero,'0.Zero,'0.Zero], '`,``,``,`[_`[_`p3.Pid,
  '0.Zero,'0.Zero,'0.Zero]] ;
'LB:ListPair <- '[_`[_`[_`[_``,``,``,``,`[_`[_`p1.Pid,'s_['0.Zero], 's_['0.Zero], 's_['
  '0.Zero]], '`,``,``,`[_`[_`p2.Pid,'s_^2['0.Zero], 's_['0.Zero], 's_['0.Zero]],
  '`,``,``,`[_`[_`p3.Pid,'0.Zero,'0.Zero,'s_['0.Zero]]] ;
'N1:Nat <- 's_^3['0.Zero] ;
'N2:Nat <- 's_^3['0.Zero]

```