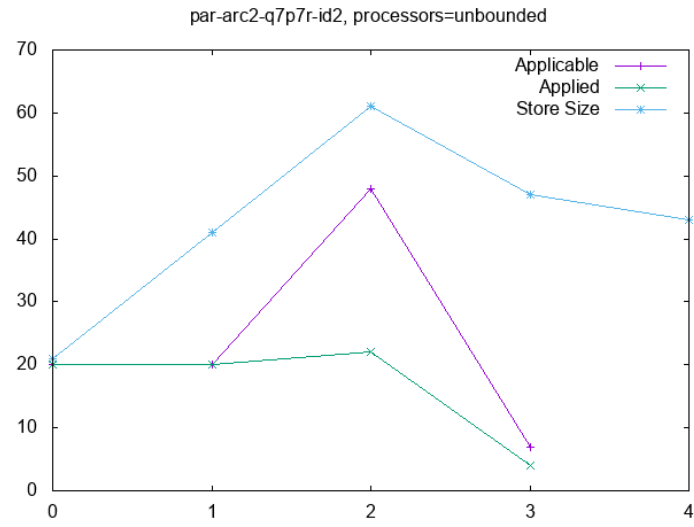


```

Store = Query = [arc(1,2,2),arc(2,3,3),arc(3,4,4),arc
(4,5,5),arc(5,6,6),arc(6,7,7),arc(1,7,43),arc(3,7,23),
arc(3,6,12),arc(6,7,7),arc(1,7,43),arc(1,3,5),arc
(3,4,4),arc(4,5,5),arc(4,5,6),arc(3,4,5),arc(2,3,4),
arc(2,6,18),arc(1,6,31),arc(1,2,2),[]]
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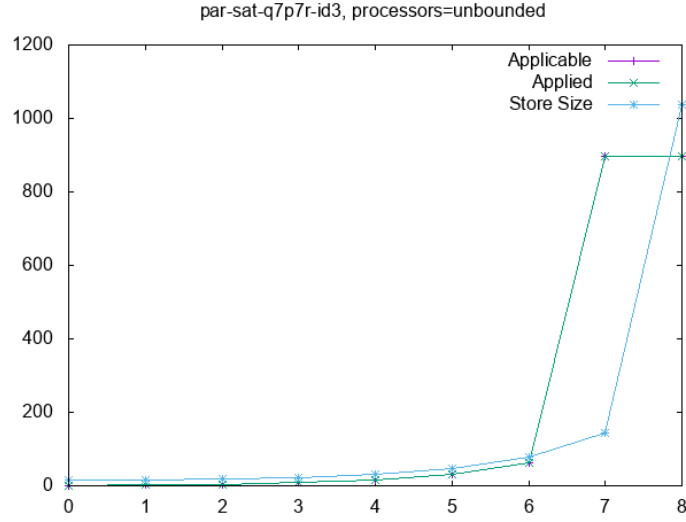
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```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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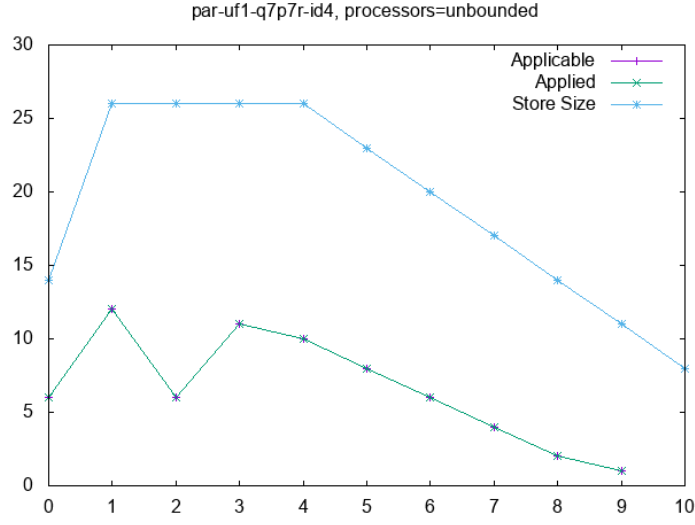
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```

Store = Query = [ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v
( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 ,
v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) ,
eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 ,
neg ( 3 ) ) , [ ] ]
[ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) ,
eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and
( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) ,
eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ false ( 1 ) ] ) , f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ true ( 1 ) ] ) ,
eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) )
, eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) ,
eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 ,
or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , true ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ true ( 2 )
, true ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , false ( 1 ) ] ) , f
([ 3 , 4 , 5 , 6 , 7 ] , [ true ( 2 ) , false ( 1 ) ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) )
, eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 )
) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq
( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg
( 3 ) ) , [ ] ]
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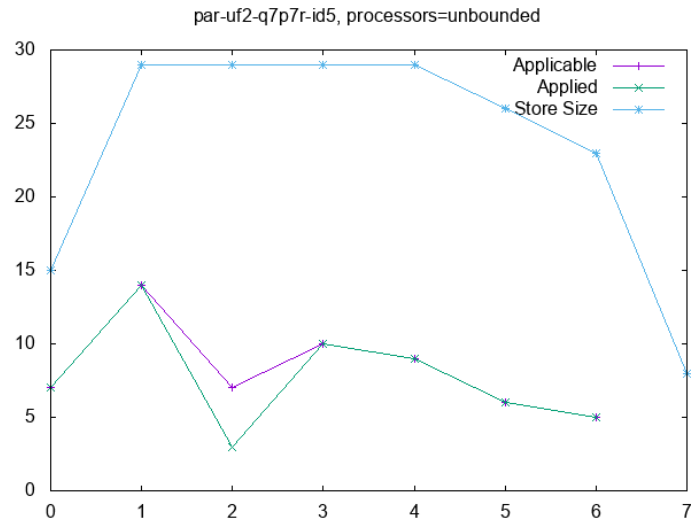
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```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_136464, _136452) , link (_136488, _136476) , link (_136512
  , _136500) , point (7,1) , point (1,3) , point (3,5) , point (5,6) ,
  point (6,2) , point (2,4) , root (4) , found (6, _136452) , found
  (2, _136464) , found (2, _136476) , found (4, _136488) , found (4,
  _136500) , found (4, _136512) , [] ]
[ link (_136464, _136452) , link (_136488, _136476) , point (7,1) ,
  point (1,3) , point (3,5) , point (5,6) , point (6,2) , point (2,4)
  , root (4) , found (4, _136476) , found (4, _136464) , found (2,
  _136452) , found (4, _136488) , [] ]
[ link (_136464, _136452) , point (7,1) , point (1,3) , point (3,5) ,
  point (5,6) , point (6,2) , point (2,4) , root (4) , found (4,
  _136452) , found (4, _136464) , [] ]
[ point (7,1) , point (1,3) , point (3,5) , point (5,6) , point (6,2) ,
  point (2,4) , root (4) , [] ]

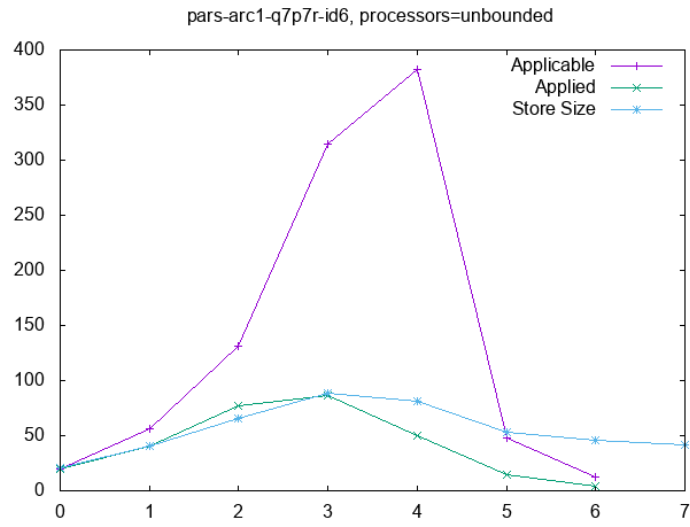
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Store = Query = [union(6,5),union(5,1),union(1,3),union
    (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
    ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
    union(6,1),union(1,3),root(1),root(2),root(3),root(4),
    root(5),root(6),root(7),[]]
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[point(5,2),point(3,1),point(1,6),point(6,2),root(2),root
    (4),root(7),[]]

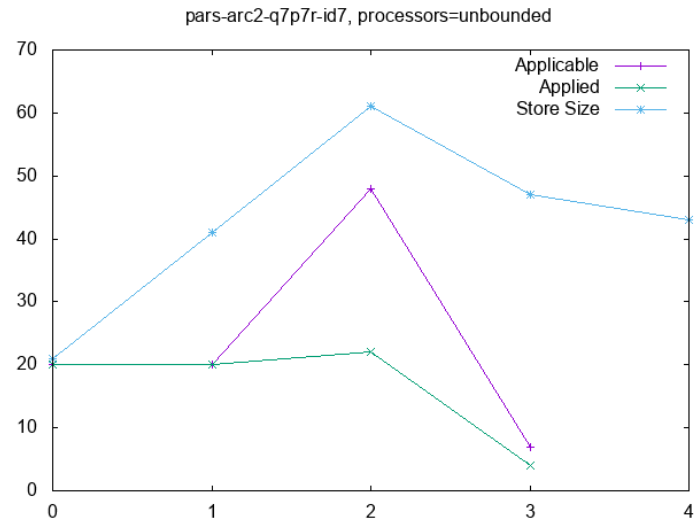
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```

Store = Query = [arc(1,2,2),arc(2,3,3),arc(3,4,4),arc
  (4,5,5),arc(5,6,6),arc(6,7,7),arc(1,7,43),arc(3,7,23),
  arc(3,6,12),arc(6,7,7),arc(1,7,43),arc(1,3,5),arc
  (3,4,4),arc(4,5,5),arc(4,5,6),arc(3,4,5),arc(2,3,4),
  arc(2,6,18),arc(1,6,31),arc(1,2,2),[]]
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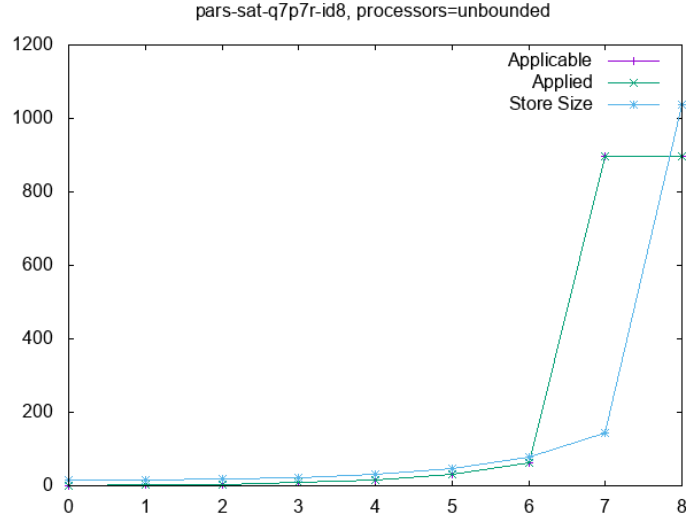
```



```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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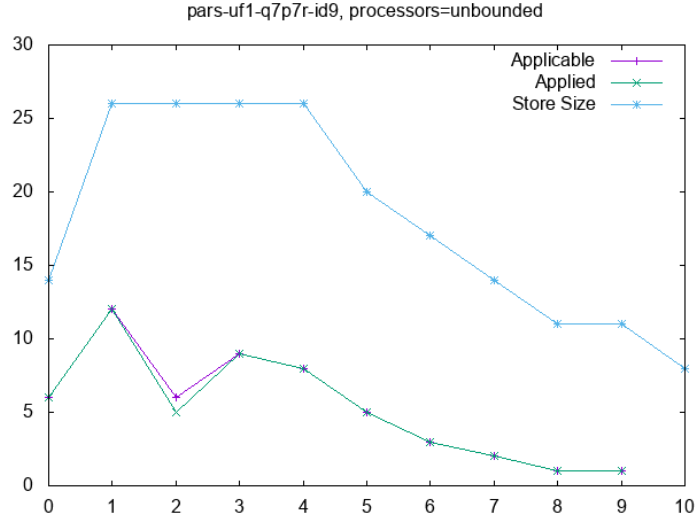
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Store = Query = [ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v
( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 ,
v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) ,
eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 ,
neg ( 3 ) ) , [ ] ]
[ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) ,
eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and
( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) ,
eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ false ( 1 ) ] ) , f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ true ( 1 ) ] ) ,
eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) )
, eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) ,
eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 ,
or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ true
( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , true ( 1 ) ] ) , f
([ 3 , 4 , 5 , 6 , 7 ] , [ true ( 2 ) , true ( 1 ) ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) ,
eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) )
, eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 ,
or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) )
, [ ] ]
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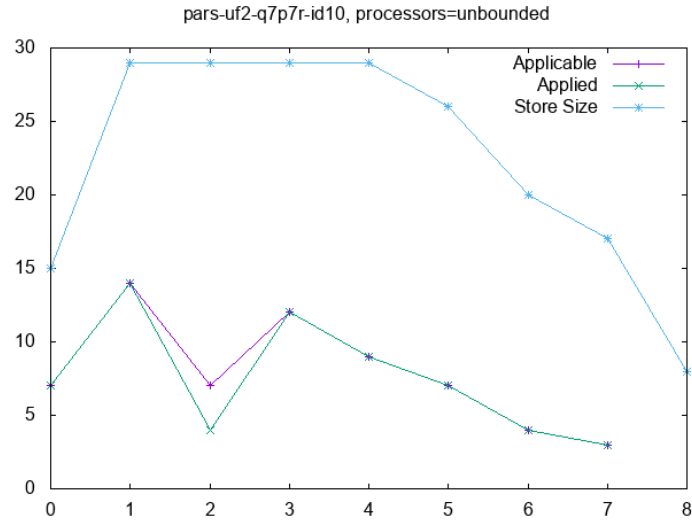
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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_259400 , _259388) , link (_259424 , _259412) , link (_259448
  , _259436) , point (3,5) , point (5,6) , point (6,2) , point (2,4) ,
  point (7,1) , root (1) , root (4) , found (4, _259436) , found (4,
  _259424) , found (2, _259412) , found (2, _259400) , found (4,
  _259448) , found (1, _259388) , [] ]
[ link (_259400 , _259388) , link (_259424 , _259412) , point (3,5) ,
  point (5,6) , point (6,2) , point (2,4) , point (7,1) , root (1) ,
  root (4) , found (4, _259412) , found (4, _259400) , found (4,
  _259424) , found (1, _259388) , [] ]
[ link (_259400 , _259388) , point (1,4) , point (3,5) , point (5,6) ,
  point (6,2) , point (2,4) , point (7,1) , root (4) , found (4,
  _259400) , found (1, _259388) , [] ]
[ link (_259400 , _259388) , point (1,4) , point (3,5) , point (5,6) ,
  point (6,2) , point (2,4) , point (7,1) , root (4) , found (4,
  _259388) , found (4, _259400) , [] ]
[ point (1,4) , point (3,5) , point (5,6) , point (6,2) , point (2,4) ,
  point (7,1) , root (4) , [] ]

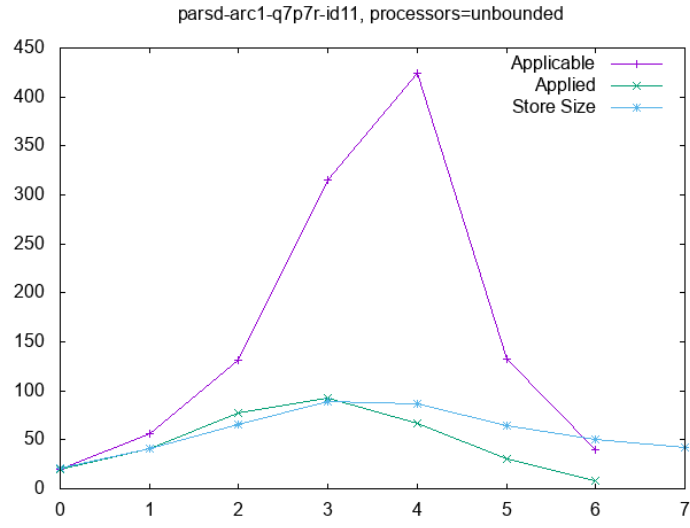
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```

Store = Query = [ union (6,5) , union (5,1) , union (1,3) , union
    (3,2) , union (2,6) , union (6,1) , union (1,3) , root (1) , root (2)
    , root (3) , root (4) , root (5) , root (6) , root (7) , [] ]
[ union (6,5) , union (5,1) , union (1,3) , union (3,2) , union (2,6) ,
    union (6,1) , union (1,3) , root (1) , root (2) , root (3) , root (4) ,
    root (5) , root (6) , root (7) , [] ]
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[ link (_262062 , _262050) , link (_262086 , _262074) , link (_262182
    , _262170) , point (6,2) , point (2,3) , point (3,1) , point (1,5) ,
    root (4) , root (5) , root (7) , found (5, _262074) , found (5,
    _262182) , found (5, _262062) , found (5, _262086) , found (5,
    _262050) , found (5, _262170) , [] ]
[ point (6,2) , point (2,3) , point (3,1) , point (1,5) , root (4) , root
    (5) , root (7) , [] ]

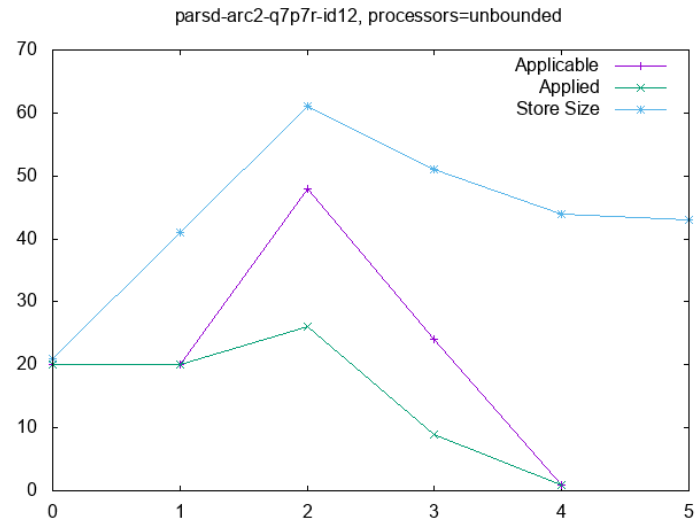
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Store = Query = [arc(1,2,2),arc(2,3,3),arc(3,4,4),arc
(4,5,5),arc(5,6,6),arc(6,7,7),arc(1,7,43),arc(3,7,23),
arc(3,6,12),arc(6,7,7),arc(1,7,43),arc(1,3,5),arc
(3,4,4),arc(4,5,5),arc(4,5,6),arc(3,4,5),arc(2,3,4),
arc(2,6,18),arc(1,6,31),arc(1,2,2),[]]
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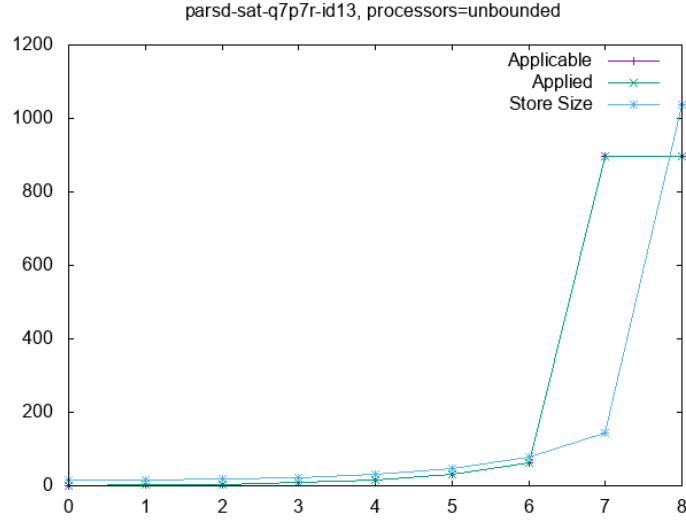
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```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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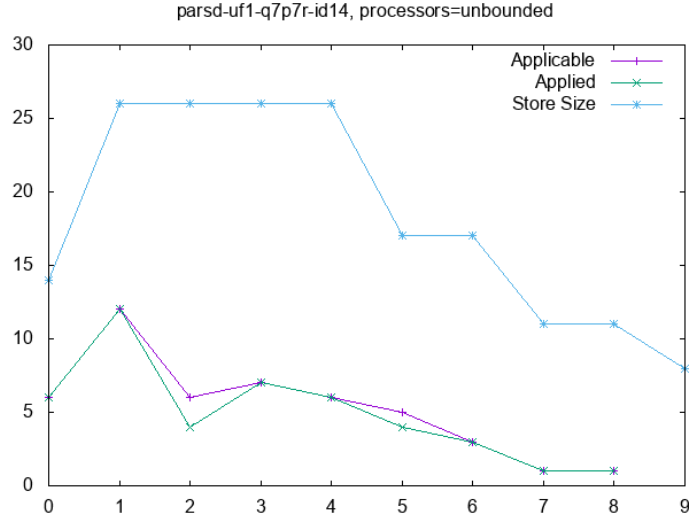
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```

Store = Query = [ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v
(2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7,
v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) ,
eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33,
neg (3)) , [] ]
[ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) ,
eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7)) , eq (52, and
(5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq (57, or (5, 7)) ,
eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 2, 3, 4, 5, 6, 7 ], [ false (1) ]) , f ([ 2, 3, 4, 5, 6, 7 ], [ true (1) ]) ,
eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5))
, eq (6, v (6)) , eq (7, v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) ,
eq (75, and (7, 5)) , eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13,
or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 3, 4, 5, 6, 7 ], [ false (2), true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ true (2)
, true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ false (2), false (1) ]) , f
([ 3, 4, 5, 6, 7 ], [ true (2), false (1) ]) , eq (1, v (1)) , eq (2, v (2))
, eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7))
, eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq
(57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg
(3)) , [] ]
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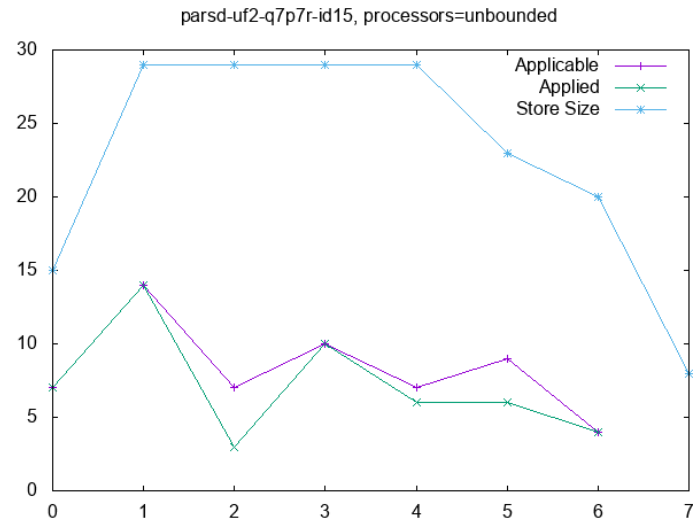
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```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_383420 , _383408) , link (_383468 , _383456) , link (_383492
  , _383480) , point (6,4) , point (3,5) , point (7,1) , point (2,4) ,
  point (5,6) , root (1) , root (4) , found (6, _383456) , found (6,
  _383492) , found (4, _383420) , found (6, _383468) , found (6,
  _383408) , found (1, _383480) , [] ]
[ link (_383420 , _383408) , link (_383468 , _383456) , link (_383492
  , _383480) , point (6,4) , point (3,5) , point (7,1) , point (2,4) ,
  point (5,6) , root (1) , root (4) , found (4, _383468) , found (4,
  _383456) , found (4, _383492) , found (4, _383408) , found (4,
  _383420) , found (1, _383480) , [] ]
[ link (_383492 , _383480) , point (1,4) , point (6,4) , point (3,5) ,
  point (7,1) , point (2,4) , point (5,6) , root (4) , found (4,
  _383492) , found (1, _383480) , [] ]
[ link (_383492 , _383480) , point (1,4) , point (6,4) , point (3,5) ,
  point (7,1) , point (2,4) , point (5,6) , root (4) , found (4,
  _383480) , found (4, _383492) , [] ]
[ point (1,4) , point (6,4) , point (3,5) , point (7,1) , point (2,4) ,
  point (5,6) , root (4) , [] ]

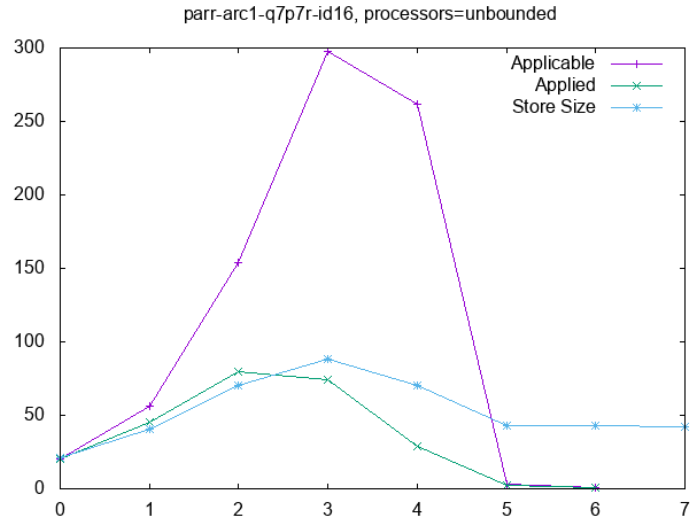
```



```

Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[point(5,2),point(6,2),point(3,1),point(1,5),root(2),root
  (4),root(7),[]]

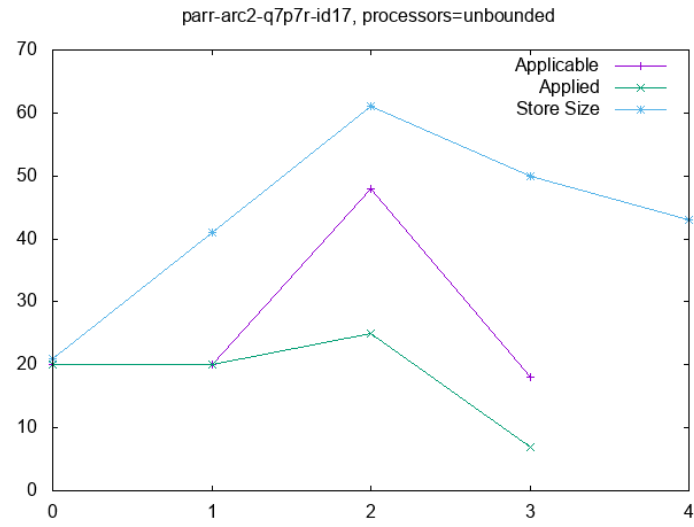
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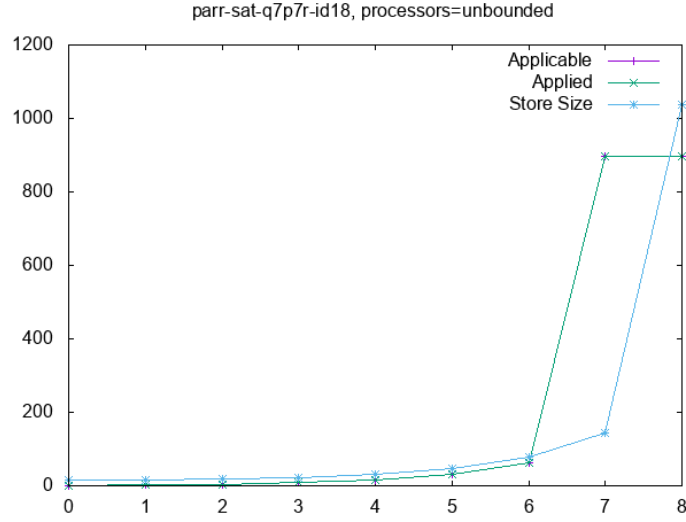
```

Store = Query = [ arc(1,2,2), arc(2,3,3), arc(3,4,4), arc
(4,5,5), arc(5,6,6), arc(6,7,7), arc(1,7,43), arc(3,7,23),
arc(3,6,12), arc(6,7,7), arc(1,7,43), arc(1,3,5), arc
(3,4,4), arc(4,5,5), arc(4,5,6), arc(3,4,5), arc(2,3,4),
arc(2,6,18), arc(1,6,31), arc(1,2,2), [] ]
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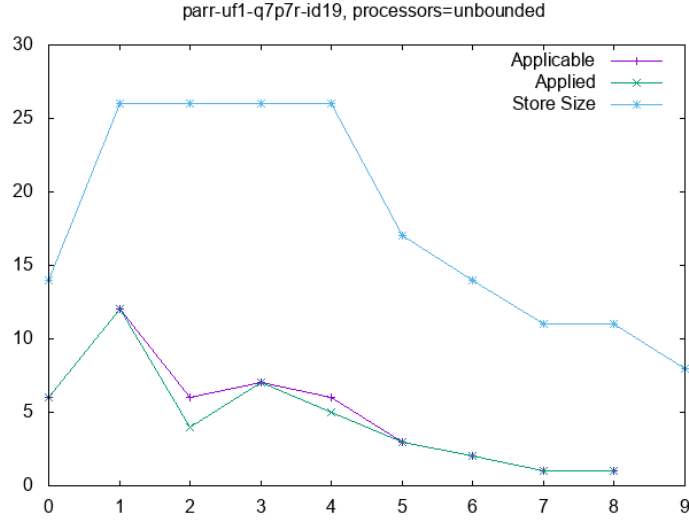
```
Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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```

Store = Query = [ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v
( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 ,
v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) ,
eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 ,
neg ( 3 ) ) , [] ]
[ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) ,
eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and
( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) ,
eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [] ]
[ f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ false ( 1 ) ] ) , f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ true ( 1 ) ] ) ,
eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) )
, eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) ,
eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 ,
or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [] ]
[ f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ true
( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , true ( 1 ) ] ) , f
([ 3 , 4 , 5 , 6 , 7 ] , [ true ( 2 ) , true ( 1 ) ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) ,
eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) )
, eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 ,
or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) )
, [] ]
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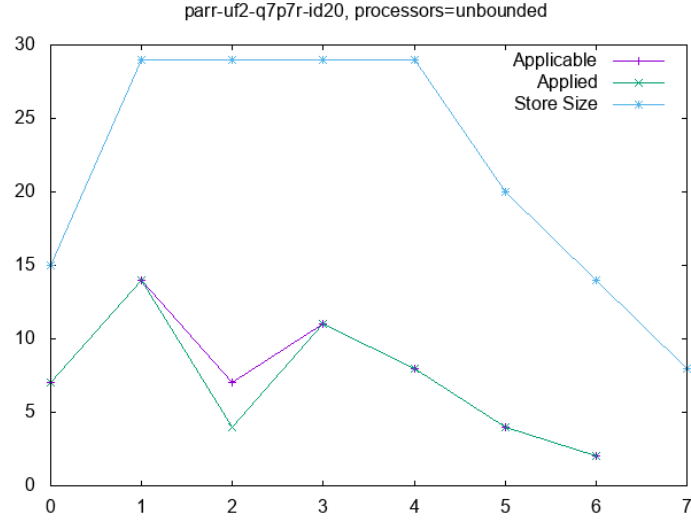
```



```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_505620, _505608) , link (_505692, _505680) , link (_505716
  , _505704) , point (6,4) , point (2,4) , point (5,6) , point (7,1) ,
  point (1,3) , root (3) , root (4) , found (3, _505704) , found (4,
  _505692) , found (6, _505620) , found (3, _505716) , found (3,
  _505608) , found (6, _505680) , [] ]
[ link (_505620, _505608) , link (_505692, _505680) , point (6,4) ,
  point (2,4) , point (5,6) , point (7,1) , point (1,3) , root (3) ,
  root (4) , found (4, _505620) , found (4, _505680) , found (4,
  _505692) , found (3, _505608) , [] ]
[ link (_505620, _505608) , point (3,4) , point (6,4) , point (2,4) ,
  point (5,6) , point (7,1) , point (1,3) , root (4) , found (4,
  _505620) , found (3, _505608) , [] ]
[ link (_505620, _505608) , point (3,4) , point (6,4) , point (2,4) ,
  point (5,6) , point (7,1) , point (1,3) , root (4) , found (4,
  _505608) , found (4, _505620) , [] ]
[ point (3,4) , point (6,4) , point (2,4) , point (5,6) , point (7,1) ,
  point (1,3) , root (4) , [] ]

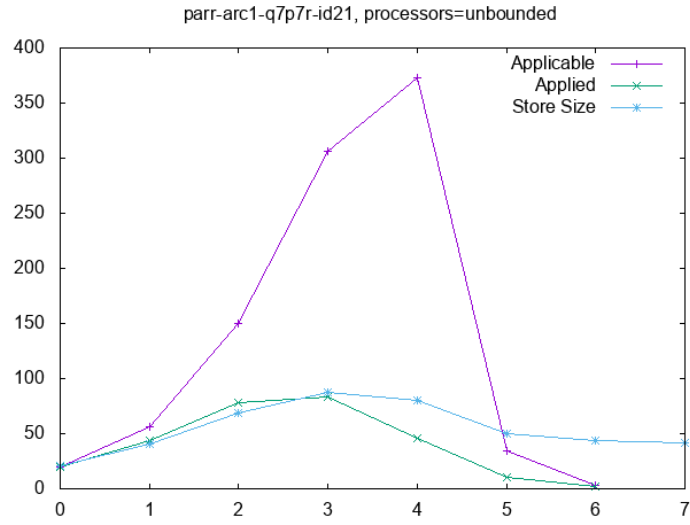
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```

Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[link(_508012,_508000),link(_508108,_508096),point(5,6),
  point(2,3),point(3,1),point(1,6),root(4),root(6),root
  (7),found(6,_508096),found(6,_508012),found(6,_508108)
  ,found(6,_508000),[]]
[point(5,6),point(2,3),point(3,1),point(1,6),root(4),root
  (6),root(7),[]]

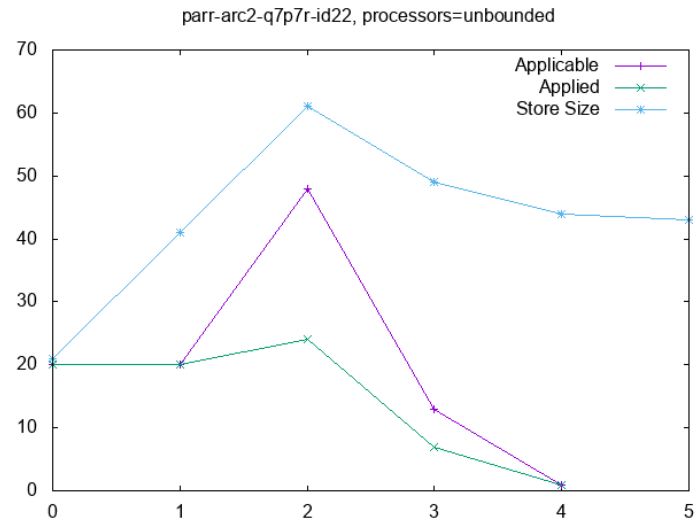
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```

Store = Query = [ arc(1,2,2), arc(2,3,3), arc(3,4,4), arc
(4,5,5), arc(5,6,6), arc(6,7,7), arc(1,7,43), arc(3,7,23),
arc(3,6,12), arc(6,7,7), arc(1,7,43), arc(1,3,5), arc
(3,4,4), arc(4,5,5), arc(4,5,6), arc(3,4,5), arc(2,3,4),
arc(2,6,18), arc(1,6,31), arc(1,2,2), [] ]
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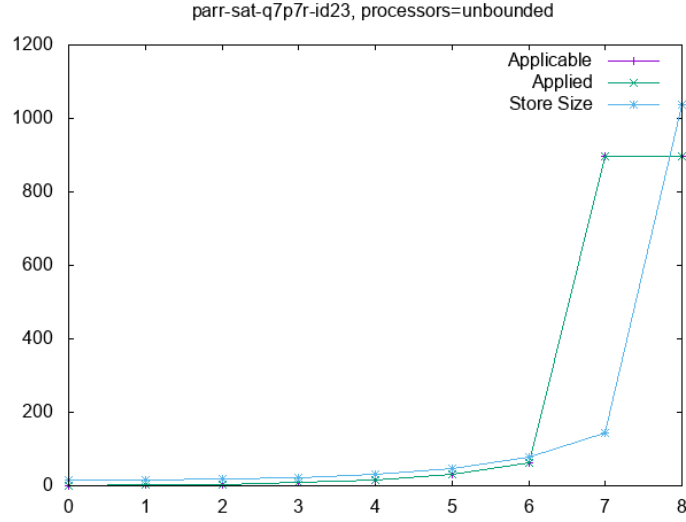
```



```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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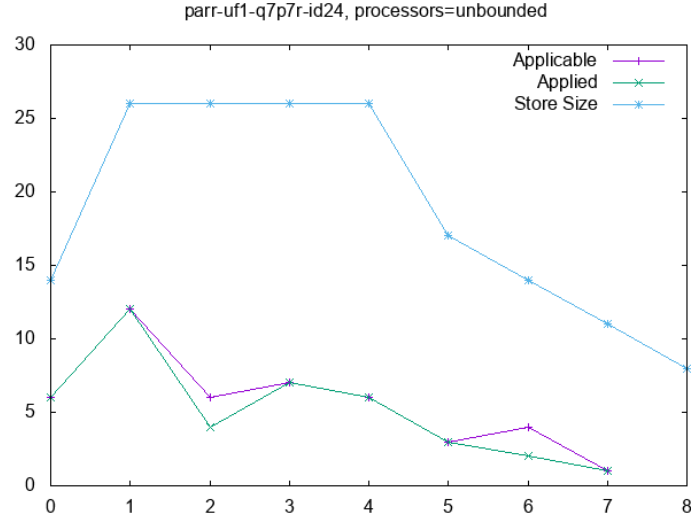
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```

Store = Query = [ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v
(2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7,
v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) ,
eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33,
neg (3)) , [] ]
[ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) ,
eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7)) , eq (52, and
(5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq (57, or (5, 7)) ,
eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 2, 3, 4, 5, 6, 7 ], [ false (1) ]) , f ([ 2, 3, 4, 5, 6, 7 ], [ true (1) ]) ,
eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5))
, eq (6, v (6)) , eq (7, v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) ,
eq (75, and (7, 5)) , eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13,
or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 3, 4, 5, 6, 7 ], [ false (2), true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ true (2)
, true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ false (2), false (1) ]) , f
([ 3, 4, 5, 6, 7 ], [ true (2), false (1) ]) , eq (1, v (1)) , eq (2, v (2))
, eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7))
, eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq
(57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg
(3)) , [] ]
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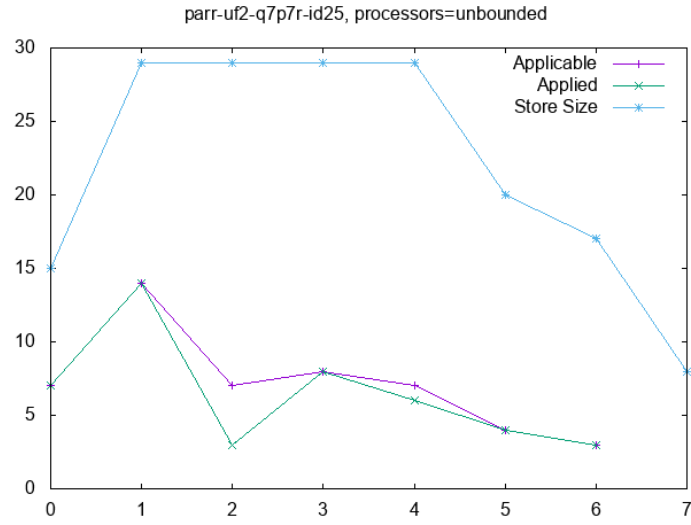
```



```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_628558, _628546) , link (_628582, _628570) , link (_628606
  , _628594) , point (1,5) , point (3,5) , point (6,2) , point (7,1) ,
  point (2,4) , root (4) , root (5) , found (4, _628606) , found (4,
  _628570) , found (4, _628582) , found (5, _628558) , found (1,
  _628546) , found (5, _628594) , [] ]
[ link (_628558, _628546) , link (_628606, _628594) , point (5,4) ,
  point (1,5) , point (3,5) , point (6,2) , point (7,1) , point (2,4)
  , root (4) , found (5, _628546) , found (4, _628606) , found (5,
  _628558) , found (5, _628594) , [] ]
[ link (_628606, _628594) , point (5,4) , point (1,5) , point (3,5) ,
  point (6,2) , point (7,1) , point (2,4) , root (4) , found (4,
  _628594) , found (4, _628606) , [] ]
[ point (5,4) , point (1,5) , point (3,5) , point (6,2) , point (7,1) ,
  point (2,4) , root (4) , [] ]

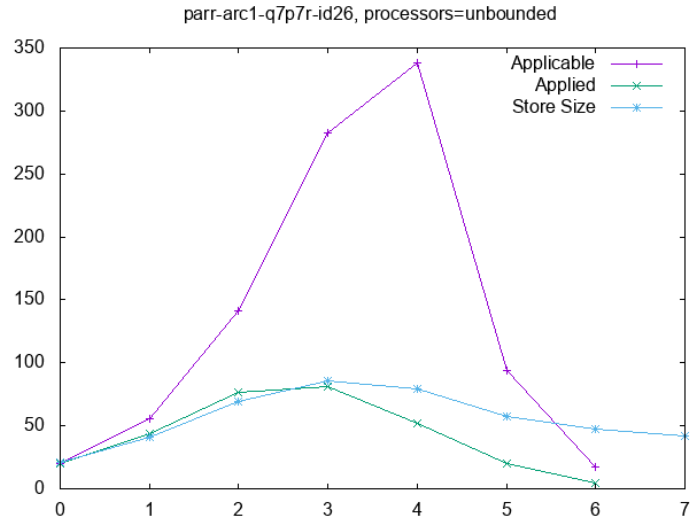
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```

Store = Query = [ union (6,5) , union (5,1) , union (1,3) , union
                  (3,2) , union (2,6) , union (6,1) , union (1,3) , root (1) , root (2)
                  , root (3) , root (4) , root (5) , root (6) , root (7) , [] ]
[ union (6,5) , union (5,1) , union (1,3) , union (3,2) , union (2,6) ,
  union (6,1) , union (1,3) , root (1) , root (2) , root (3) , root (4) ,
  root (5) , root (6) , root (7) , [] ]
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[ link (_630792 , _630780) , link (_630840 , _630828) , link (_630888
  , _630876) , point (1,2) , point (3,1) , point (5,6) , point (6,2) ,
  root (2) , root (4) , root (7) , found (2, _630876) , found (2,
  _630840) , found (2, _630780) , found (2, _630888) , found (2,
  _630792) , found (2, _630828) , [] ]
[ point (1,2) , point (3,1) , point (5,6) , point (6,2) , root (2) , root
  (4) , root (7) , [] ]

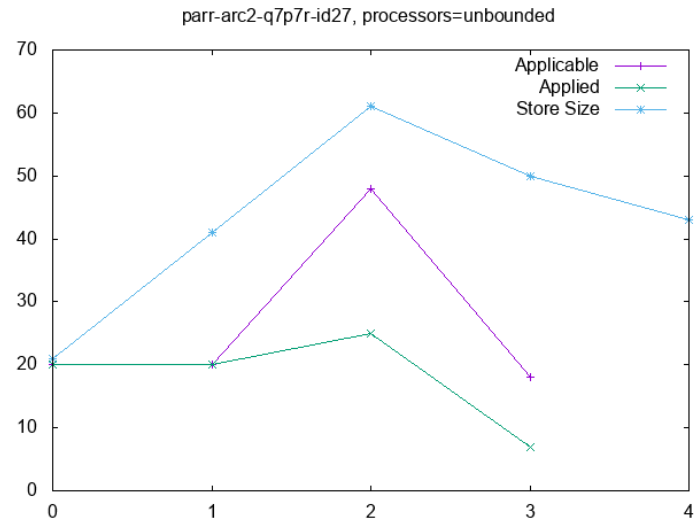
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```

Store = Query = [ arc(1,2,2), arc(2,3,3), arc(3,4,4), arc
(4,5,5), arc(5,6,6), arc(6,7,7), arc(1,7,43), arc(3,7,23),
arc(3,6,12), arc(6,7,7), arc(1,7,43), arc(1,3,5), arc
(3,4,4), arc(4,5,5), arc(4,5,6), arc(3,4,5), arc(2,3,4),
arc(2,6,18), arc(1,6,31), arc(1,2,2), [] ]
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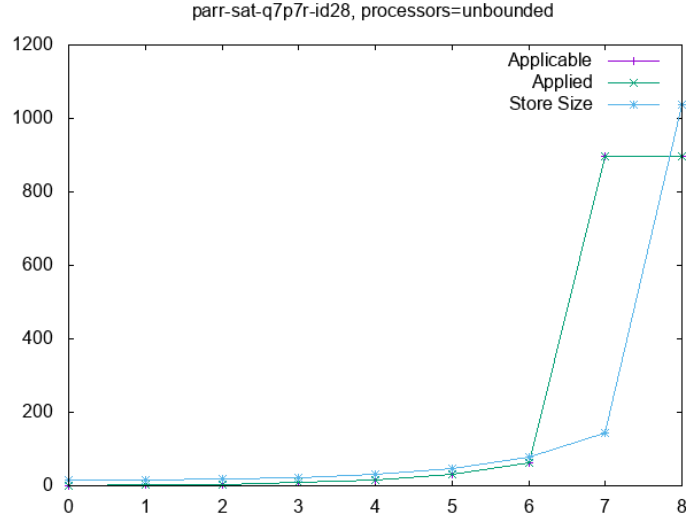
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```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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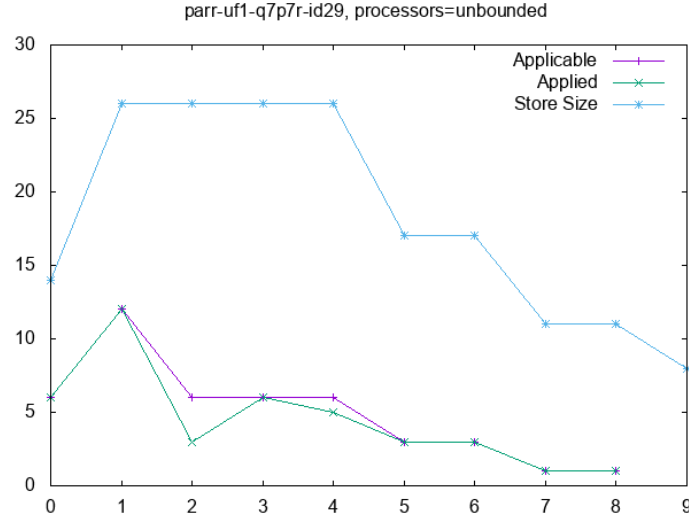
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```

Store = Query = [ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v
(2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7,
v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) ,
eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33,
neg (3)) , [] ]
[ f ([ 1, 2, 3, 4, 5, 6, 7 ], []) , eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) ,
eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7)) , eq (52, and
(5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq (57, or (5, 7)) ,
eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 2, 3, 4, 5, 6, 7 ], [ false (1) ]) , f ([ 2, 3, 4, 5, 6, 7 ], [ true (1) ]) ,
eq (1, v (1)) , eq (2, v (2)) , eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5))
, eq (6, v (6)) , eq (7, v (7)) , eq (52, and (5, 2)) , eq (27, or (2, 7)) ,
eq (75, and (7, 5)) , eq (57, or (5, 7)) , eq (71, and (7, 1)) , eq (13,
or (1, 3)) , eq (33, neg (3)) , [] ]
[ f ([ 3, 4, 5, 6, 7 ], [ false (2), true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ true (2)
, true (1) ]) , f ([ 3, 4, 5, 6, 7 ], [ false (2), false (1) ]) , f
([ 3, 4, 5, 6, 7 ], [ true (2), false (1) ]) , eq (1, v (1)) , eq (2, v (2))
, eq (3, v (3)) , eq (4, v (4)) , eq (5, v (5)) , eq (6, v (6)) , eq (7, v (7))
, eq (52, and (5, 2)) , eq (27, or (2, 7)) , eq (75, and (7, 5)) , eq
(57, or (5, 7)) , eq (71, and (7, 1)) , eq (13, or (1, 3)) , eq (33, neg
(3)) , [] ]
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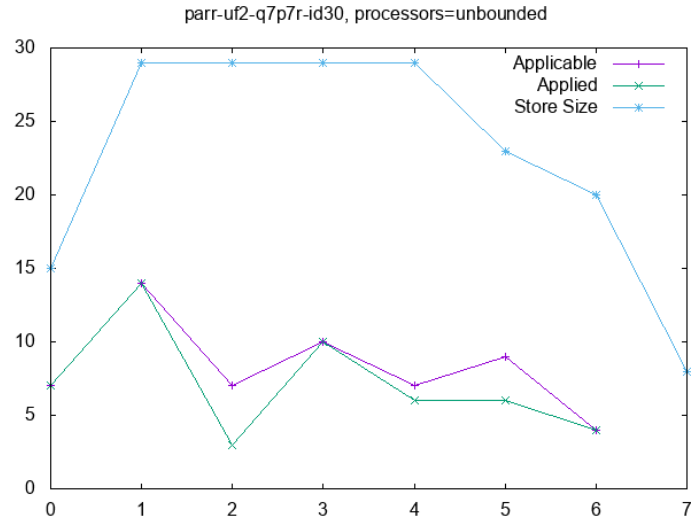
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```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_750828, _750816) , link (_750924, _750912) , link (_750948
  , _750936) , point (7,3) , point (6,4) , point (5,6) , point (1,3) ,
  point (2,4) , root (3) , root (4) , found (6, _750924) , found (3,
  _750828) , found (4, _750948) , found (7, _750816) , found (3,
  _750912) , found (6, _750936) , [] ]
[ link (_750828, _750816) , link (_750924, _750912) , link (_750948
  , _750936) , point (7,3) , point (6,4) , point (5,6) , point (1,3) ,
  point (2,4) , root (3) , root (4) , found (4, _750924) , found (3,
  _750816) , found (4, _750936) , found (3, _750828) , found (4,
  _750948) , found (3, _750912) , [] ]
[ link (_750924, _750912) , point (3,4) , point (7,3) , point (6,4) ,
  point (5,6) , point (1,3) , point (2,4) , root (4) , found (4,
  _750924) , found (3, _750912) , [] ]
[ link (_750924, _750912) , point (3,4) , point (7,3) , point (6,4) ,
  point (5,6) , point (1,3) , point (2,4) , root (4) , found (4,
  _750912) , found (4, _750924) , [] ]
[ point (3,4) , point (7,3) , point (6,4) , point (5,6) , point (1,3) ,
  point (2,4) , root (4) , [] ]

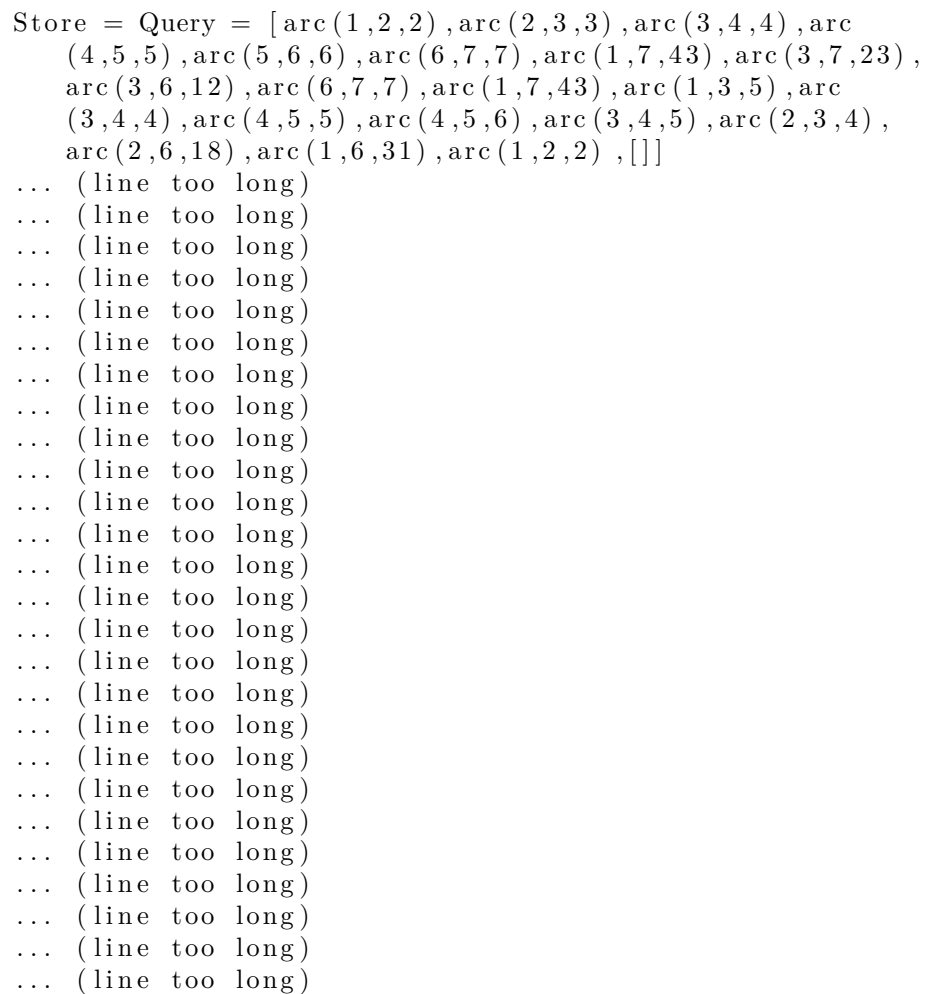
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Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[point(5,2),point(3,1),point(6,2),point(1,5),root(2),root
  (4),root(7),[]]

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[illegible]

[illegible]

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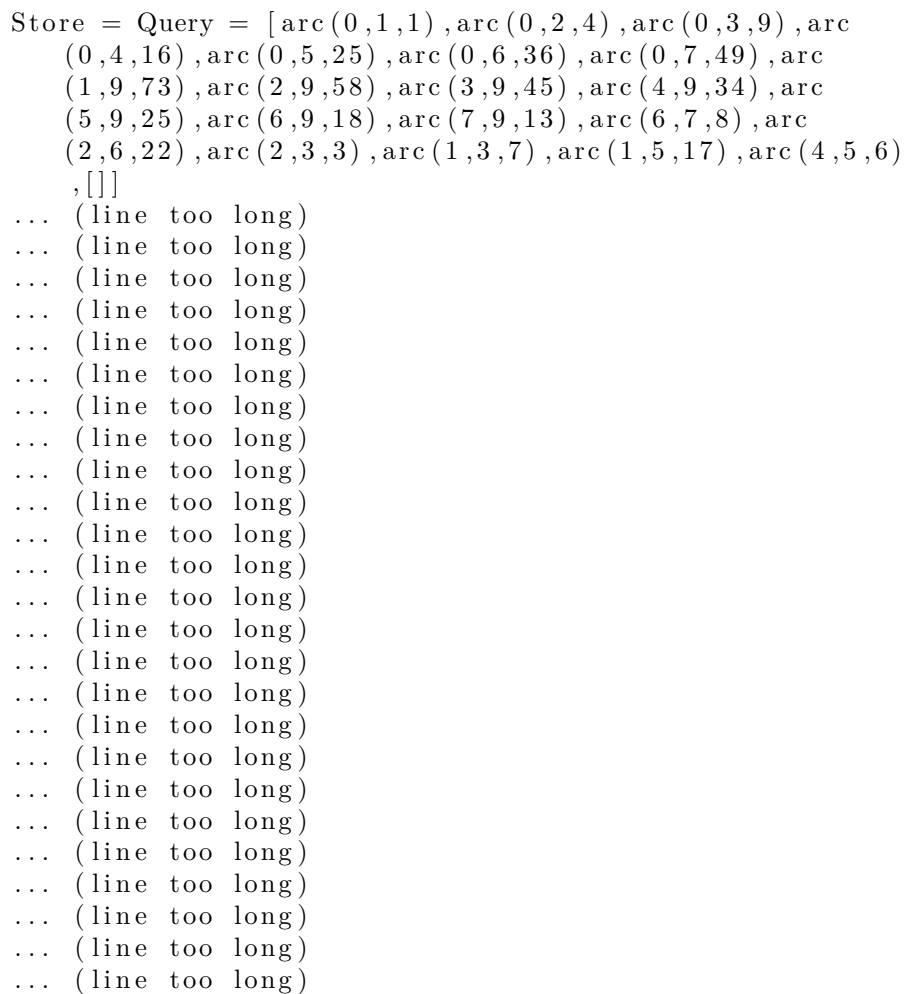
[illegible]

[illegible]

[illegible]

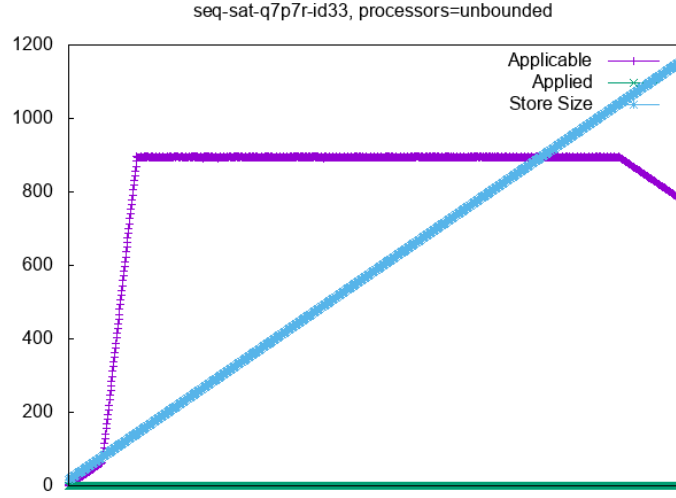
[illegible]

[illegible]



[illegible]

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Store = Query = [ f ([1,2,3,4,5,6,7],[]) ,eq(1,v(1)) ,eq(2,v
(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,
v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,eq(75,and(7,5)) ,
eq(57,or(5,7)) ,eq(71,and(7,1)) ,eq(13,or(1,3)) ,eq(33,
neg(3)) ,[]]
[ f ([1,2,3,4,5,6,7],[]) ,eq(1,v(1)) ,eq(2,v(2)) ,eq(3,v(3)) ,
eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,v(7)) ,eq(52,and
(5,2)) ,eq(27,or(2,7)) ,eq(75,and(7,5)) ,eq(57,or(5,7)) ,
eq(71,and(7,1)) ,eq(13,or(1,3)) ,eq(33,neg(3)) ,[]]
[ f ([2,3,4,5,6,7],[false(1)]) ,f ([2,3,4,5,6,7],[true(1)]) ,
eq(1,v(1)) ,eq(2,v(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5))
,eq(6,v(6)) ,eq(7,v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,
eq(75,and(7,5)) ,eq(57,or(5,7)) ,eq(71,and(7,1)) ,eq(13,
or(1,3)) ,eq(33,neg(3)) ,[]]
[ f ([3,4,5,6,7],[false(2),false(1)]) ,f ([3,4,5,6,7],[true
(2),false(1)]) ,f ([2,3,4,5,6,7],[true(1)]) ,eq(1,v(1)) ,
eq(2,v(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6))
,eq(7,v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,eq(75,and
(7,5)) ,eq(57,or(5,7)) ,eq(71,and(7,1)) ,eq(13,or(1,3)) ,
eq(33,neg(3)) ,[]]
[ f ([3,4,5,6,7],[false(2),true(1)]) ,f ([3,4,5,6,7],[true(2)
,true(1)]) ,f ([3,4,5,6,7],[false(2),false(1)]) ,f
([3,4,5,6,7],[true(2),false(1)]) ,eq(1,v(1)) ,eq(2,v(2))
,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,v(7))
,eq(52,and(5,2)) ,eq(27,or(2,7)) ,eq(75,and(7,5)) ,eq
(57,or(5,7)) ,eq(71,and(7,1)) ,eq(13,or(1,3)) ,eq(33,neg
(3)) ,[]]
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[illegible]

[illegible]

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[illegible]

[illegible]

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[illegible]

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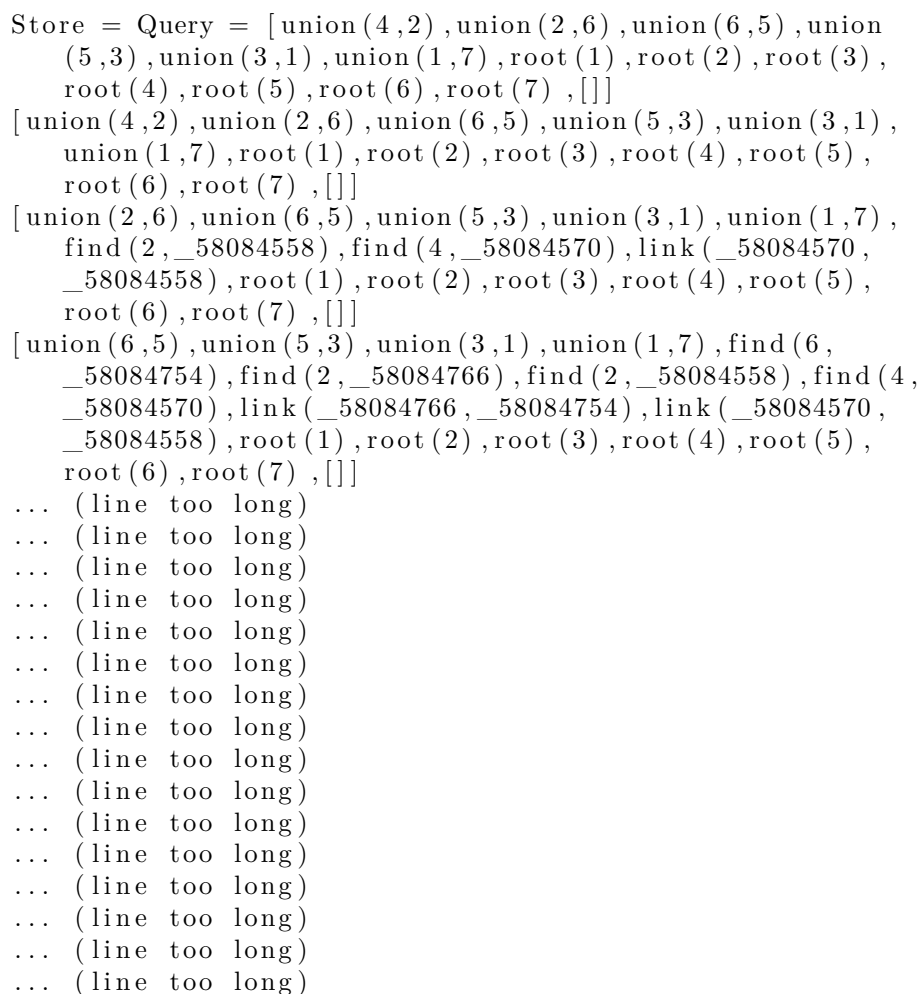
[illegible]

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[illegible]

[illegible]



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[ link(_58085790,_58085778),link(_58085230,_58085218),link
  (_58084766,_58084754),point(6,4),point(1,3),point(5,6)
  ,point(2,4),root(3),root(4),root(7),found(3,_58085790)
  ,found(6,_58085230),found(4,_58084766),found(7,
  _58085778),found(3,_58085218),found(6,_58084754),[] ]
[ link(_58085790,_58085778),link(_58085230,_58085218),link
  (_58084766,_58084754),point(7,3),point(6,4),point(1,3)
  ,point(5,6),point(2,4),root(3),root(4),found(3,
  _58085790),found(6,_58085230),found(4,_58084766),found
  (7,_58085778),found(3,_58085218),found(6,_58084754)
  ,[] ]
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  ,point(5,6),point(2,4),root(3),root(4),found(4,
  _58084754),found(3,_58085790),found(6,_58085230),found
  (4,_58084766),found(7,_58085778),found(3,_58085218)
  ,[] ]
[ link(_58085790,_58085778),link(_58085230,_58085218),link
  (_58084766,_58084754),point(7,3),point(6,4),point(1,3)
  ,point(5,6),point(2,4),root(3),root(4),found(4,
  _58084754),found(3,_58085790),found(6,_58085230),found
  (4,_58084766),found(7,_58085778),found(3,_58085218)
  ,[] ]
[ link(_58085790,_58085778),link(_58085230,_58085218),link
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  _58084754),found(3,_58085790),found(6,_58085230),found
  (4,_58084766),found(7,_58085778),found(3,_58085218)
  ,[] ]
[ link(_58085790,_58085778),link(_58085230,_58085218),link
  (_58084766,_58084754),point(7,3),point(6,4),point(1,3)
  ,point(5,6),point(2,4),root(3),root(4),found(4,
  _58085230),found(4,_58084754),found(3,_58085790),found
  (4,_58084766),found(7,_58085778),found(3,_58085218)

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,[]]
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_58085778),found(4,_58085230),found(4,_58084754),found
(3,_58085790),found(4,_58084766),found(3,_58085218)
,[]]
[link(_58085790,_58085778),link(_58085230,_58085218),
point(7,3),point(6,4),point(1,3),point(5,6),point(2,4)
,root(3),root(4),found(3,_58085778),found(4,_58085230)
,found(3,_58085790),found(3,_58085218),[]]
[link(_58085790,_58085778),link(_58085230,_58085218),
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,point(2,4),root(4),found(3,_58085778),found(4,
_58085230),found(3,_58085790),found(3,_58085218),[]]
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(6,4),point(1,3),point(5,6),point(2,4),root(4),found
(4,_58085218),found(4,_58085230),[]]
[link(_58085230,_58085218),point(3,4),point(7,3),point
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(4,_58085218),found(4,_58085230),[]]
[link(_58085230,_58085218),point(3,4),point(7,3),point
(6,4),point(1,3),point(5,6),point(2,4),root(4),found
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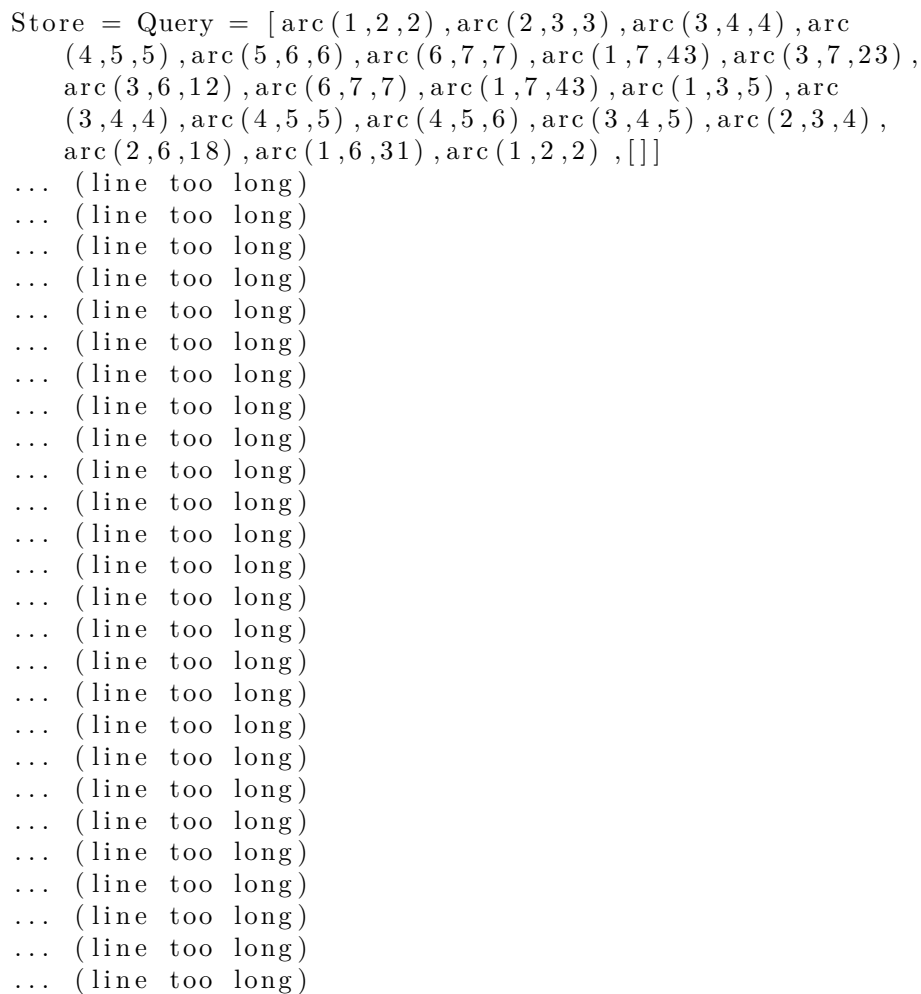


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[link(_58099486,_58099474),link(_58098902,_58098890),link
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(_58098414,_505632),point(2,1),point(6,2),point(3,1),
point(5,6),root(1),root(4),root(7),found(2,_58098414),
found(2,_58099486),found(1,_58098902),found(1,
_58099474),found(2,_58098890),found(1,_505632),[]]
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point(5,6),root(1),root(4),root(7),found(1,_58098890),
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_58098902),found(1,_58099474),found(1,_505632),[]]
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(_58098414,_505632),point(2,1),point(6,2),point(3,1),
point(5,6),root(1),root(4),root(7),found(1,_58098890),
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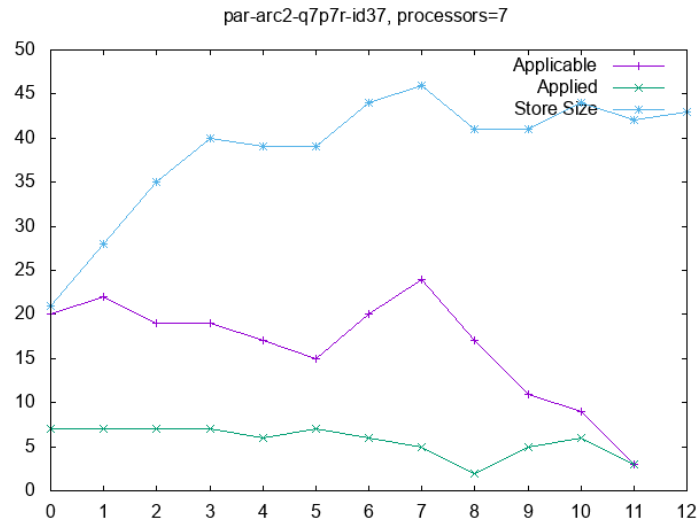
    _58098902), found(1, _58099474), found(1, _505632), []]
[ link(_58099486, _58099474), link(_58098902, _58098890), link
  (_58098414, _505632), point(2,1), point(6,2), point(3,1),
  point(5,6), root(1), root(4), root(7), found(1, _58098890),
  found(2, _58098414), found(2, _58099486), found(1,
    _58098902), found(1, _58099474), found(1, _505632), []]
[ link(_58099486, _58099474), link(_58098902, _58098890), link
  (_58098414, _505632), point(2,1), point(6,2), point(3,1),
  point(5,6), root(1), root(4), root(7), found(1, _58099486),
  found(1, _58098890), found(2, _58098414), found(1,
    _58098902), found(1, _58099474), found(1, _505632), []]
[ link(_58099486, _58099474), link(_58098902, _58098890), link
  (_58098414, _505632), point(2,1), point(6,2), point(3,1),
  point(5,6), root(1), root(4), root(7), found(1, _58099486),
  found(1, _58098890), found(2, _58098414), found(1,
    _58098902), found(1, _58099474), found(1, _505632), []]
[ link(_58099486, _58099474), link(_58098902, _58098890), link
  (_58098414, _505632), point(2,1), point(6,2), point(3,1),
  point(5,6), root(1), root(4), root(7), found(1, _58098414),
  found(1, _58099486), found(1, _58098890), found(1,
    _58098902), found(1, _58099474), found(1, _505632), []]
[ link(_58099486, _58099474), link(_58098414, _505632), point
  (2,1), point(6,2), point(3,1), point(5,6), root(1), root(4)
  , root(7), found(1, _58098414), found(1, _58099486), found
  (1, _58099474), found(1, _505632), []]
[ link(_58098414, _505632), point(2,1), point(6,2), point(3,1)
  , point(5,6), root(1), root(4), root(7), found(1, _58098414)
  , found(1, _505632), []]
[ point(2,1), point(6,2), point(3,1), point(5,6), root(1), root
  (4), root(7), []]

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[illegible]

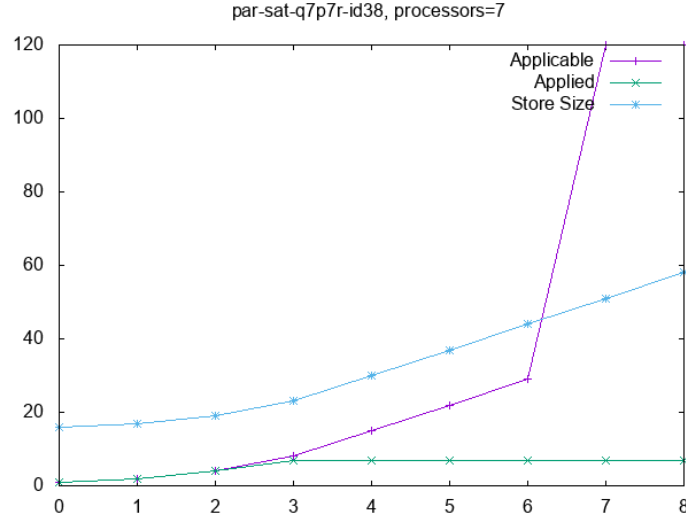
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Store = Query = [arc(0,1,1),arc(0,2,4),arc(0,3,9),arc
(0,4,16),arc(0,5,25),arc(0,6,36),arc(0,7,49),arc
(1,9,73),arc(2,9,58),arc(3,9,45),arc(4,9,34),arc
(5,9,25),arc(6,9,18),arc(7,9,13),arc(6,7,8),arc
(2,6,22),arc(2,3,3),arc(1,3,7),arc(1,5,17),arc(4,5,6)
,[],
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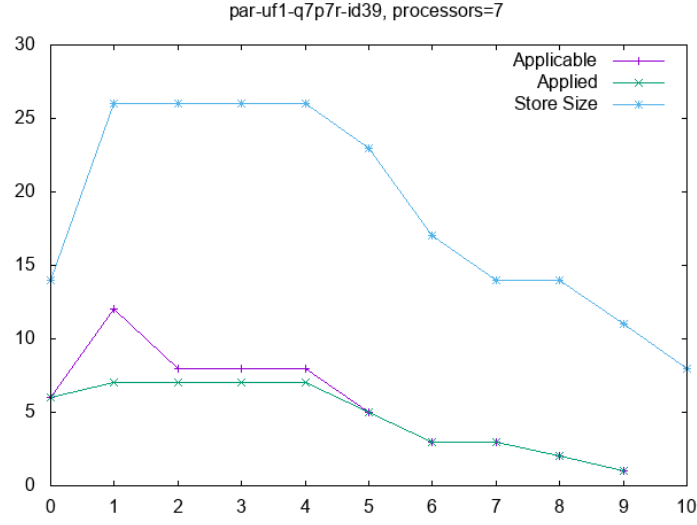
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Store = Query = [ f ([ 1, 2, 3, 4, 5, 6, 7 ], [ ] ), eq ( 1, v ( 1 ) ), eq ( 2, v
( 2 ) ), eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7,
v ( 7 ) ), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ),
eq ( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33,
neg ( 3 ) ), [ ] ]
[ f ([ 1, 2, 3, 4, 5, 6, 7 ], [ ] ), eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) ), eq ( 3, v ( 3 ) ),
eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 ) ), eq ( 52, and
( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ), eq ( 57, or ( 5, 7 ) ),
eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33, neg ( 3 ) ), [ ] ]
[ f ([ 2, 3, 4, 5, 6, 7 ], [ false ( 1 ) ] ), f ([ 2, 3, 4, 5, 6, 7 ], [ true ( 1 ) ] ),
eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) ), eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) )
, eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 ) ), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ),
eq ( 75, and ( 7, 5 ) ), eq ( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13,
or ( 1, 3 ) ), eq ( 33, neg ( 3 ) ), [ ] ]
[ f ([ 3, 4, 5, 6, 7 ], [ false ( 2 ), true ( 1 ) ] ), f ([ 3, 4, 5, 6, 7 ], [ true ( 2 )
, true ( 1 ) ] ), f ([ 3, 4, 5, 6, 7 ], [ false ( 2 ), false ( 1 ) ] ), f
([ 3, 4, 5, 6, 7 ], [ true ( 2 ), false ( 1 ) ] ), eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) )
, eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 )
), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ), eq
( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33, neg
( 3 ) ), [ ] ]
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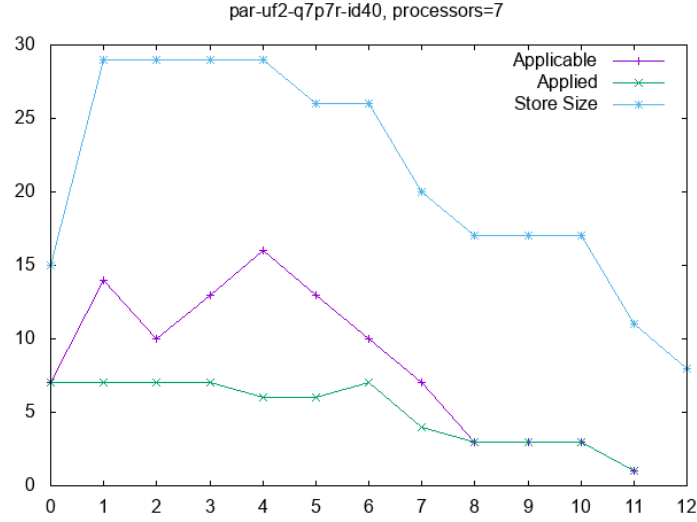
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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_58185960 , _58185948) , link (_58186008 , _58185996) , link
  (_58186032 , _58186020) , point (1,3) , point (5,6) , point (6,2)
  , point (2,4) , root (3) , root (4) , root (7) , found (4, _58186020)
  , found (4, _58186008) , found (7, _58185948) , found (4,
  _58186032) , found (3, _58185960) , found (3, _58185996) , [] ]
[ link (_58185960 , _58185948) , link (_58186008 , _58185996) ,
  point (7,3) , point (3,4) , point (1,3) , point (5,6) , point (6,2)
  , point (2,4) , root (4) , found (4, _58186008) , found (7,
  _58185948) , found (3, _58185960) , found (3, _58185996) , [] ]
[ link (_58185960 , _58185948) , link (_58186008 , _58185996) ,
  point (7,3) , point (3,4) , point (1,3) , point (5,6) , point (6,2)
  , point (2,4) , root (4) , found (4, _58185960) , found (4,
  _58185996) , found (3, _58185948) , found (4, _58186008) , [] ]
[ link (_58185960 , _58185948) , point (7,3) , point (3,4) , point
  (1,3) , point (5,6) , point (6,2) , point (2,4) , root (4) , found
  (4, _58185948) , found (4, _58185960) , [] ]
[ point (7,3) , point (3,4) , point (1,3) , point (5,6) , point (6,2) ,
  point (2,4) , root (4) , [] ]

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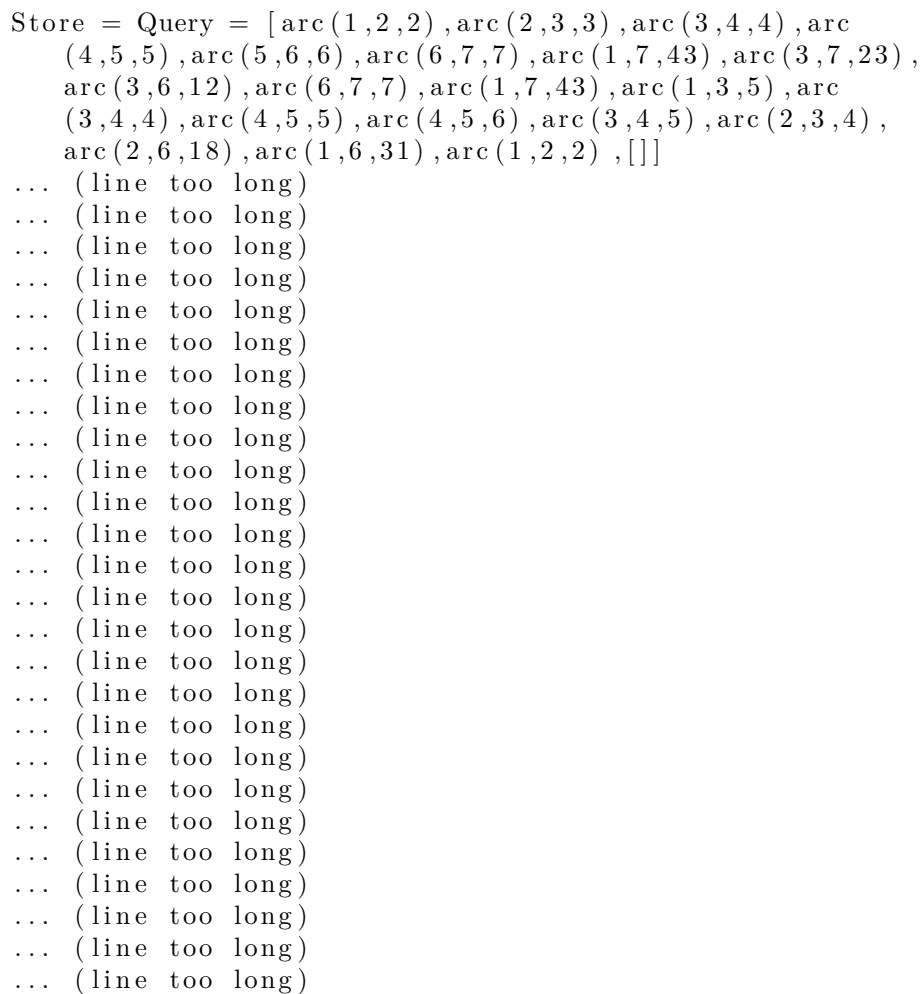
Store = Query = [ union (6,5), union (5,1), union (1,3), union
    (3,2), union (2,6), union (6,1), union (1,3), root (1), root (2)
    , root (3), root (4), root (5), root (6), root (7) , [] ]
[ union (6,5), union (5,1), union (1,3), union (3,2), union (2,6) ,
    union (6,1), union (1,3), root (1), root (2), root (3), root (4) ,
    root (5), root (6), root (7) , [] ]
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[ find (5, _58188674), link (_58188686, _58188674), link (
    _58188758, _58188746), link (_58188782, _58188770), point
    (6,2), point (3,1), point (1,5), point (5,6), root (2), root (4)
    , root (7), found (5, _58188758), found (5, _58188770), found
    (2, _58188686), found (2, _58188782), found (2, _58188746)
    , [] ]
[ find (6, _58188674), link (_58188686, _58188674), link (
    _58188758, _58188746), link (_58188782, _58188770), point
    (6,2), point (3,1), point (1,5), point (5,6), root (2), root (4)
    , root (7), found (6, _58188770), found (6, _58188758), found
    (2, _58188686), found (2, _58188782), found (2, _58188746)
    , [] ]
[ find (2, _58188674), link (_58188686, _58188674), link (
    _58188758, _58188746), link (_58188782, _58188770), point
    (6,2), point (3,1), point (1,5), point (5,6), root (2), root (4)
    , root (7), found (2, _58188758), found (2, _58188770), found
    (2, _58188686), found (2, _58188782), found (2, _58188746)
    , [] ]

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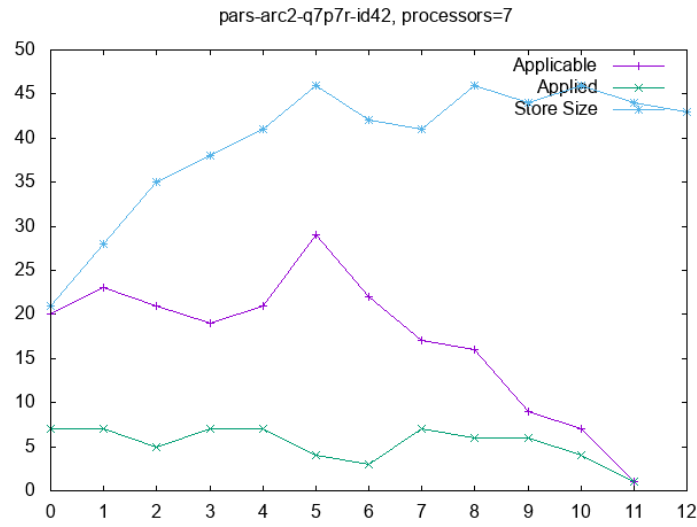
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[ link ( _58188686 , _58188674 ) , point ( 6 , 2 ) , point ( 3 , 1 ) , point
  ( 1 , 5 ) , point ( 5 , 6 ) , root ( 2 ) , root ( 4 ) , root ( 7 ) , found ( 2 ,
    _58188674 ) , found ( 2 , _58188686 ) , [] ]
[ point ( 6 , 2 ) , point ( 3 , 1 ) , point ( 1 , 5 ) , point ( 5 , 6 ) , root ( 2 ) , root
  ( 4 ) , root ( 7 ) , [] ]

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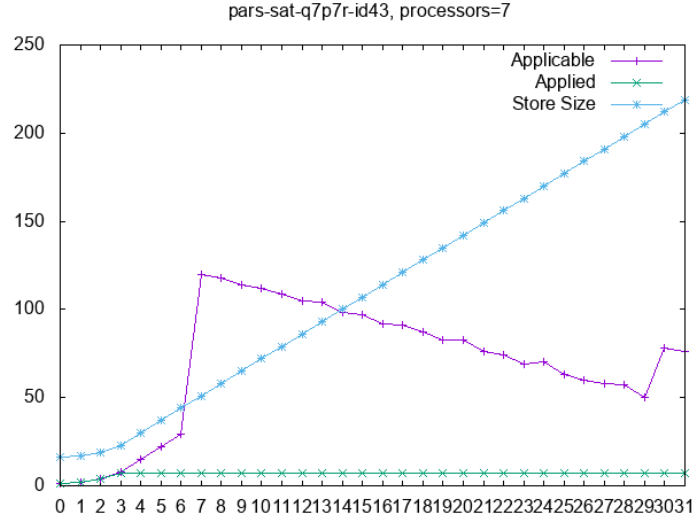
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Store = Query = [arc(0,1,1),arc(0,2,4),arc(0,3,9),arc
(0,4,16),arc(0,5,25),arc(0,6,36),arc(0,7,49),arc
(1,9,73),arc(2,9,58),arc(3,9,45),arc(4,9,34),arc
(5,9,25),arc(6,9,18),arc(7,9,13),arc(6,7,8),arc
(2,6,22),arc(2,3,3),arc(1,3,7),arc(1,5,17),arc(4,5,6)
,[]]
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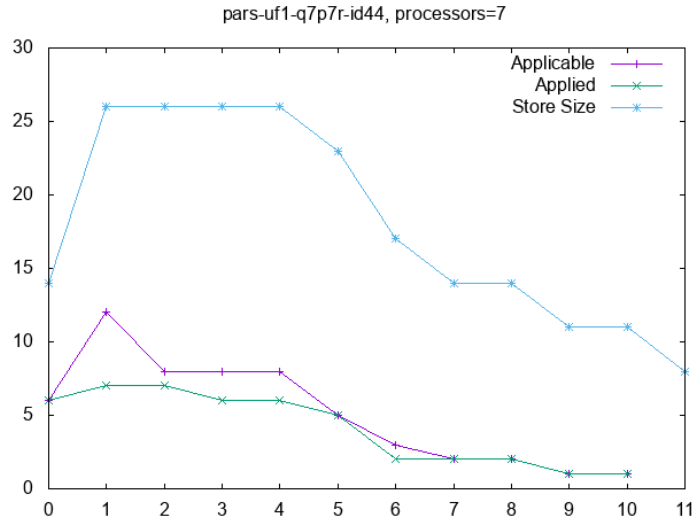



```

Store = Query = [ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v
( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 ,
v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) ,
eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 ,
neg ( 3 ) ) , [ ] ]
[ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) ,
eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and
( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) ,
eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ false ( 1 ) ] ) , f ([ 2 , 3 , 4 , 5 , 6 , 7 ] , [ true ( 1 ) ] ) ,
eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) , eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) )
, eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) ) , eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) ,
eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 , or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 ,
or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) ) , [ ] ]
[ f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ true
( 2 ) , false ( 1 ) ] ) , f ([ 3 , 4 , 5 , 6 , 7 ] , [ false ( 2 ) , true ( 1 ) ] ) , f
([ 3 , 4 , 5 , 6 , 7 ] , [ true ( 2 ) , true ( 1 ) ] ) , eq ( 1 , v ( 1 ) ) , eq ( 2 , v ( 2 ) ) ,
eq ( 3 , v ( 3 ) ) , eq ( 4 , v ( 4 ) ) , eq ( 5 , v ( 5 ) ) , eq ( 6 , v ( 6 ) ) , eq ( 7 , v ( 7 ) )
, eq ( 52 , and ( 5 , 2 ) ) , eq ( 27 , or ( 2 , 7 ) ) , eq ( 75 , and ( 7 , 5 ) ) , eq ( 57 ,
or ( 5 , 7 ) ) , eq ( 71 , and ( 7 , 1 ) ) , eq ( 13 , or ( 1 , 3 ) ) , eq ( 33 , neg ( 3 ) )
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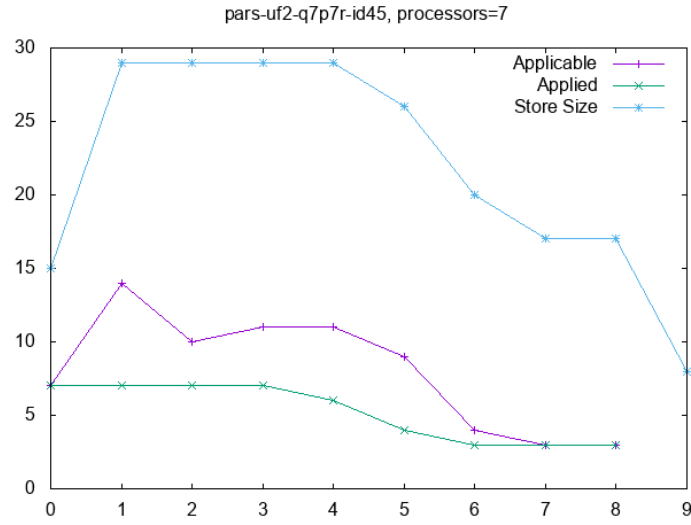


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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_58521238 , _58521226) , link (_58521286 , _58521274) , link
  (_58521358 , _58521346) , point (1,3) , point (3,5) , point (6,2)
  , point (2,4) , root (4) , root (5) , root (7) , found (5, _58521226)
  , found (4, _58521286) , found (5, _58521358) , found (5,
  _58521238) , found (7, _58521346) , found (5, _58521274) , [] ]
[ link (_58521286 , _58521274) , link (_58521358 , _58521346) ,
  point (5,4) , point (1,3) , point (3,5) , point (6,2) , point (2,4)
  , root (4) , root (7) , found (4, _58521286) , found (5, _58521358)
  , found (7, _58521346) , found (5, _58521274) , [] ]
[ link (_58521286 , _58521274) , link (_58521358 , _58521346) ,
  point (5,4) , point (1,3) , point (3,5) , point (6,2) , point (2,4)
  , root (4) , root (7) , found (4, _58521274) , found (4, _58521358)
  , found (4, _58521286) , found (7, _58521346) , [] ]
[ link (_58521358 , _58521346) , point (7,4) , point (5,4) , point
  (1,3) , point (3,5) , point (6,2) , point (2,4) , root (4) , found
  (4, _58521358) , found (7, _58521346) , [] ]
[ link (_58521358 , _58521346) , point (7,4) , point (5,4) , point
  (1,3) , point (3,5) , point (6,2) , point (2,4) , root (4) , found
  (4, _58521346) , found (4, _58521358) , [] ]
[ point (7,4) , point (5,4) , point (1,3) , point (3,5) , point (6,2) ,

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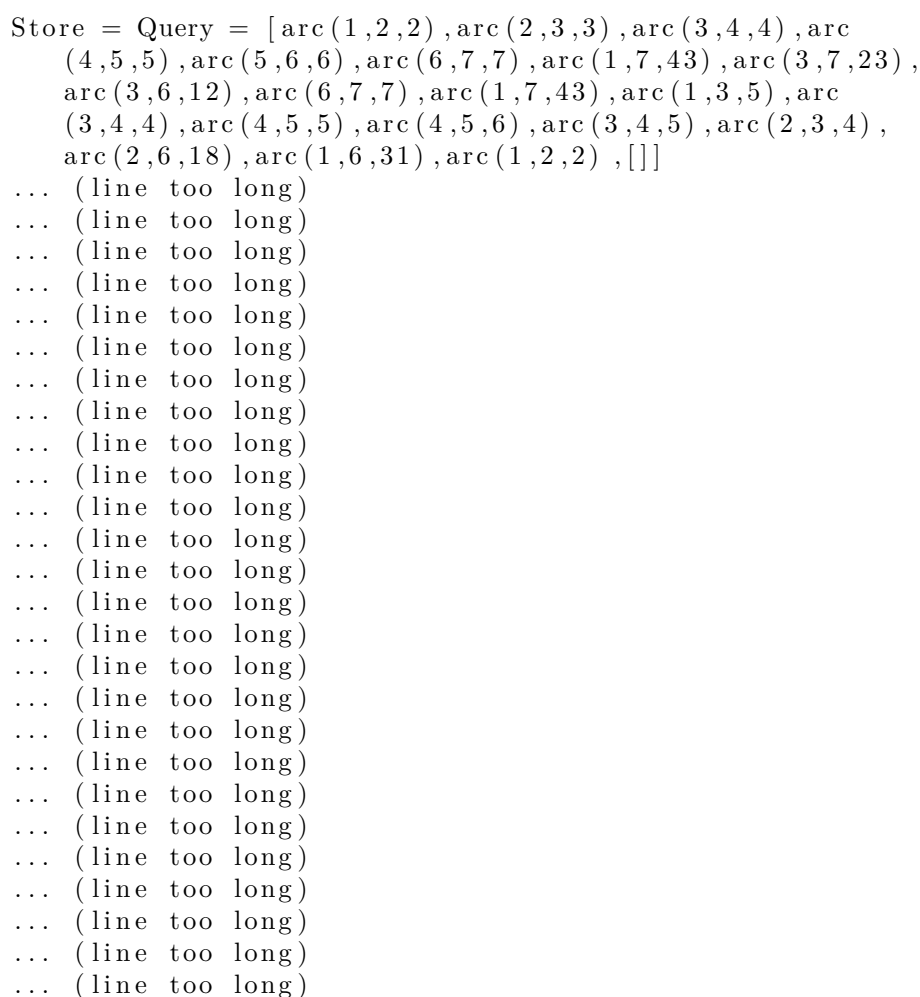
`point(2,4),root(4),[]]`



```

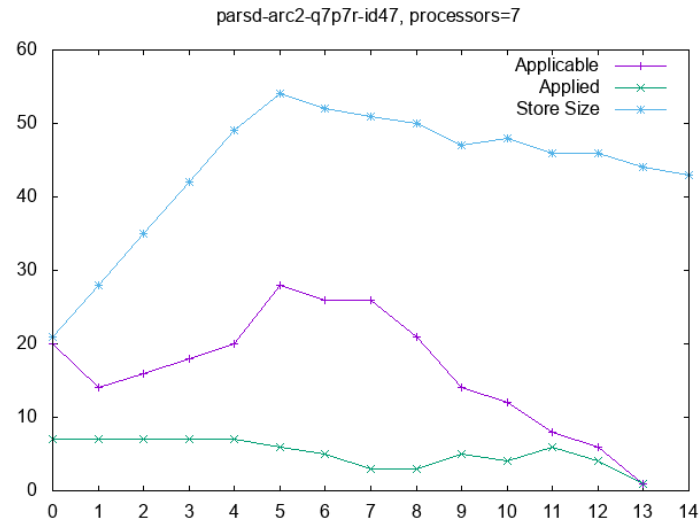
Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[link(_58524142,_58524130),link(_58524190,_58524178),link
  (_58524262,_58524250),point(3,6),point(2,3),point(1,5)
  ,point(5,6),root(4),root(6),root(7),found(6,_58524190)
  ,found(6,_58524262),found(3,_58524142),found(6,
  _58524130),found(3,_58524250),found(3,_58524178),[]]
[link(_58524142,_58524130),link(_58524190,_58524178),link
  (_58524262,_58524250),point(3,6),point(2,3),point(1,5)
  ,point(5,6),root(4),root(6),root(7),found(6,_58524250)
  ,found(6,_58524178),found(6,_58524142),found(6,
  _58524190),found(6,_58524262),found(6,_58524130),[]]
[point(3,6),point(2,3),point(1,5),point(5,6),root(4),root
  (6),root(7),[]]

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[illegible]

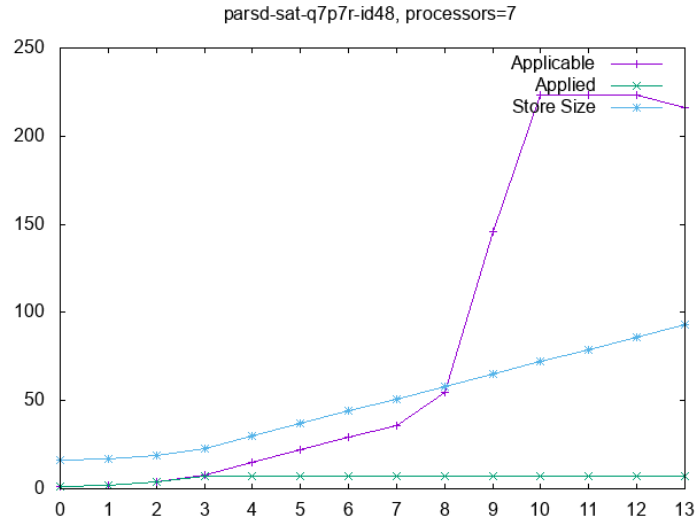
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Store = Query = [arc(0,1,1),arc(0,2,4),arc(0,3,9),arc
(0,4,16),arc(0,5,25),arc(0,6,36),arc(0,7,49),arc
(1,9,73),arc(2,9,58),arc(3,9,45),arc(4,9,34),arc
(5,9,25),arc(6,9,18),arc(7,9,13),arc(6,7,8),arc
(2,6,22),arc(2,3,3),arc(1,3,7),arc(1,5,17),arc(4,5,6)
,[],
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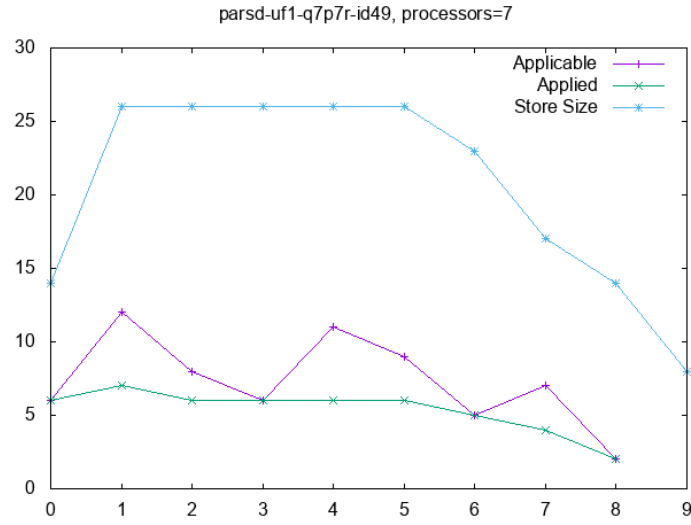


```

Store = Query = [ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v
(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,
v(7)),eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),
eq(57,or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,
neg(3)),[ ]
[ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),
eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7)),eq(52,and
(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq(57,or(5,7)),
eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg(3)),[ ]
[ f([2,3,4,5,6,7],[ false(1) ]),f([2,3,4,5,6,7],[ true(1) ]),
eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5))
,eq(6,v(6)),eq(7,v(7)),eq(52,and(5,2)),eq(27,or(2,7)),
eq(75,and(7,5)),eq(57,or(5,7)),eq(71,and(7,1)),eq(13,
or(1,3)),eq(33,neg(3)),[ ]
[ f([3,4,5,6,7],[ false(2),true(1) ]),f([3,4,5,6,7],[ true(2)
,true(1) ]),f([3,4,5,6,7],[ false(2),false(1) ]),f
([3,4,5,6,7],[ true(2),false(1) ]),eq(1,v(1)),eq(2,v(2))
,eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7))
,eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq
(57,or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg
(3)),[ ]
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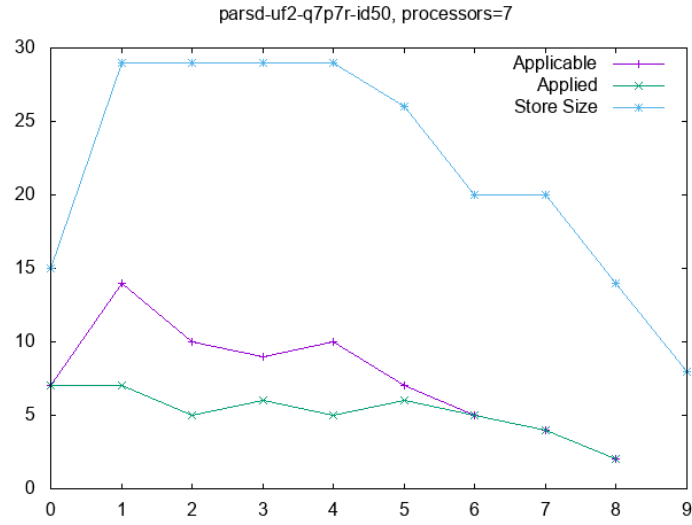
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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_58636142, _58636130) , link (_58636214, _58636202) , link
  (_58636262, _58636250) , point (5,4) , point (2,4) , point (1,3)
  , point (3,5) , point (6,2) , point (7,1) , root (4) , found (5,
  _58636142) , found (5, _58636250) , found (4, _58636214) , found
  (5, _58636262) , found (5, _58636130) , found (5, _58636202)
  , [] ]
[ link (_58636142, _58636130) , link (_58636214, _58636202) ,
  point (5,4) , point (2,4) , point (1,3) , point (3,5) , point (6,2)
  , point (7,1) , root (4) , found (4, _58636142) , found (4,
  _58636202) , found (4, _58636130) , found (4, _58636214) , [] ]
[ point (5,4) , point (2,4) , point (1,3) , point (3,5) , point (6,2) ,
  point (7,1) , root (4) , [] ]

```



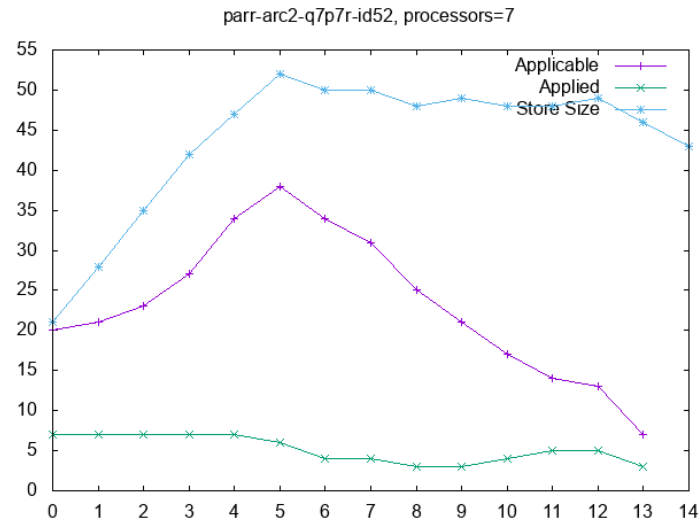
```

Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[link(_58638928,_58638916),link(_58639000,_58638988),
  point(6,3),point(2,3),point(5,6),point(1,5),root(3),
  root(4),root(7),found(3,_58638928),found(3,_58638988),
  found(3,_58639000),found(3,_58638916),[]]
[point(6,3),point(2,3),point(5,6),point(1,5),root(3),root
  (4),root(7),[]]

```


[illegible]

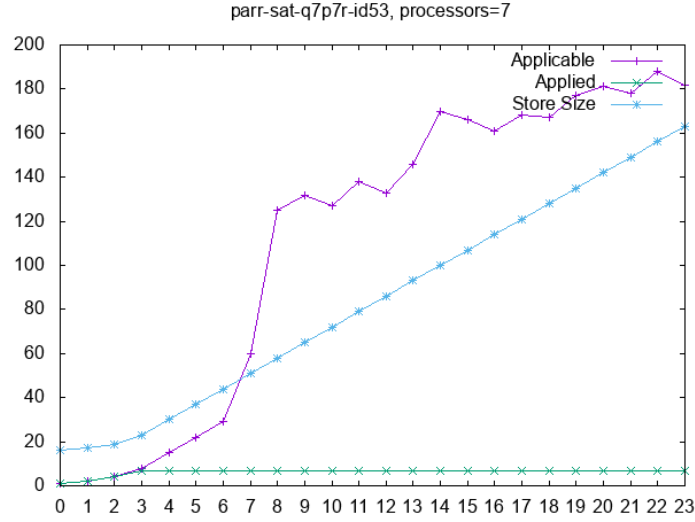
[illegible]



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Store = Query = [arc(0,1,1),arc(0,2,4),arc(0,3,9),arc
(0,4,16),arc(0,5,25),arc(0,6,36),arc(0,7,49),arc
(1,9,73),arc(2,9,58),arc(3,9,45),arc(4,9,34),arc
(5,9,25),arc(6,9,18),arc(7,9,13),arc(6,7,8),arc
(2,6,22),arc(2,3,3),arc(1,3,7),arc(1,5,17),arc(4,5,6)
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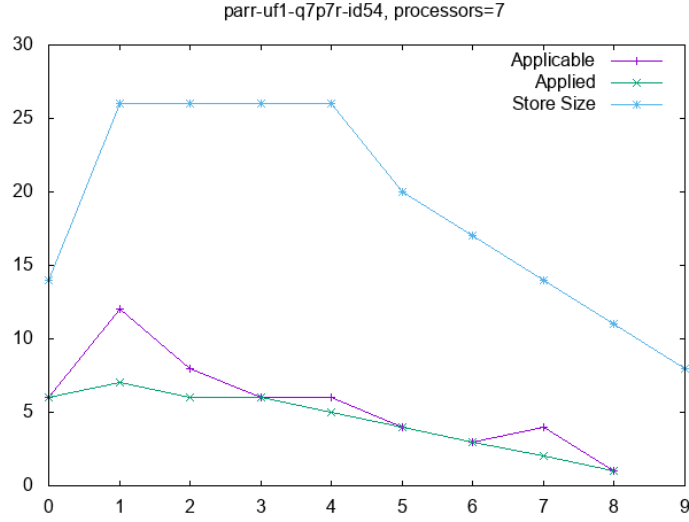


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Store = Query = [ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v
(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,
v(7)),eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),
eq(57,or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,
neg(3)),[ ]
[ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),
eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7)),eq(52,and
(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq(57,or(5,7)),
eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg(3)),[ ]
[ f([2,3,4,5,6,7],[ false(1) ]),f([2,3,4,5,6,7],[ true(1) ]),
eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5))
,eq(6,v(6)),eq(7,v(7)),eq(52,and(5,2)),eq(27,or(2,7)),
eq(75,and(7,5)),eq(57,or(5,7)),eq(71,and(7,1)),eq(13,
or(1,3)),eq(33,neg(3)),[ ]
[ f([3,4,5,6,7],[ false(2),false(1) ]),f([3,4,5,6,7],[ true
(2),false(1) ]),f([3,4,5,6,7],[ false(2),true(1) ]),f
([3,4,5,6,7],[ true(2),true(1) ]),eq(1,v(1)),eq(2,v(2)),
eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7))
,eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq(57,
or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg(3))
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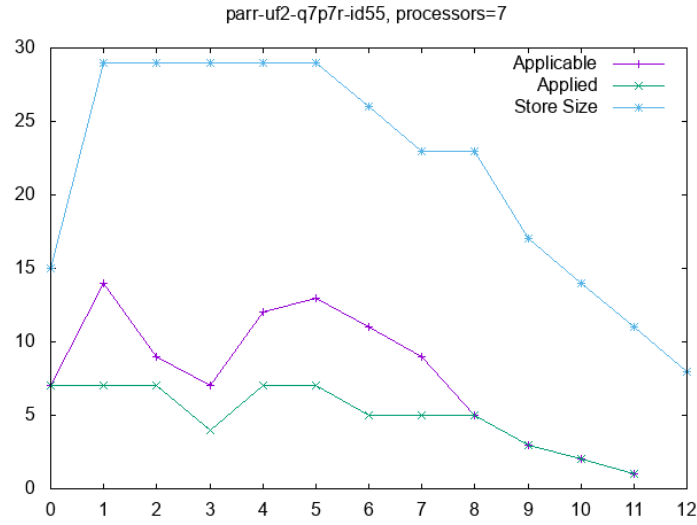
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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_58864898 , _58864886) , link (_58864946 , _58864934) , link
  (_58864970 , _58864958) , point (7,3) , point (6,4) , point (1,3)
  , point (5,6) , point (2,4) , root (3) , root (4) , found (4 ,
  _58864970) , found (4 , _58864934) , found (3 , _58864898) , found
  (4 , _58864946) , found (3 , _58864958) , found (7 , _58864886)
  , [] ]
[ link (_58864898 , _58864886) , link (_58864970 , _58864958) ,
  point (3,4) , point (7,3) , point (6,4) , point (1,3) , point (5,6)
  , point (2,4) , root (4) , found (3 , _58864886) , found (4 ,
  _58864970) , found (3 , _58864898) , found (3 , _58864958) , [] ]
[ link (_58864970 , _58864958) , point (3,4) , point (7,3) , point
  (6,4) , point (1,3) , point (5,6) , point (2,4) , root (4) , found
  (4 , _58864958) , found (4 , _58864970) , [] ]
[ point (3,4) , point (7,3) , point (6,4) , point (1,3) , point (5,6) ,
  point (2,4) , root (4) , [] ]

```



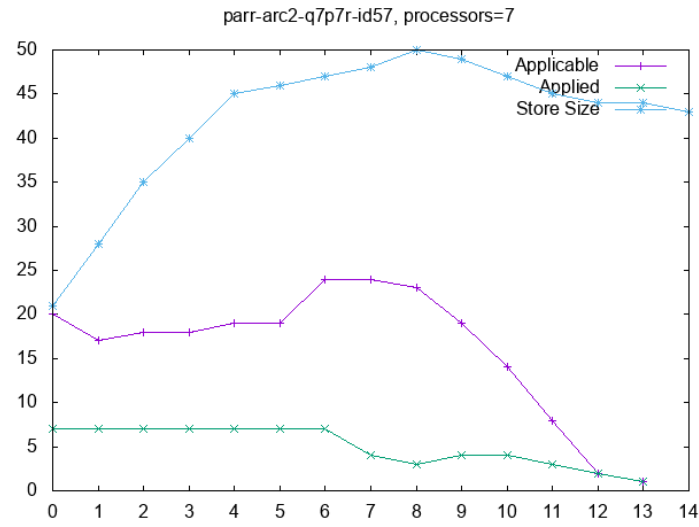
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Store = Query = [ union (6,5) , union (5,1) , union (1,3) , union
    (3,2) , union (2,6) , union (6,1) , union (1,3) , root (1) , root (2)
    , root (3) , root (4) , root (5) , root (6) , root (7) , [] ]
[ union (6,5) , union (5,1) , union (1,3) , union (3,2) , union (2,6) ,
    union (6,1) , union (1,3) , root (1) , root (2) , root (3) , root (4) ,
    root (5) , root (6) , root (7) , [] ]
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[ link (_58867462, _58867450) , link (_58867510, _58867498) , link
    (_58867534, _58867522) , point (6,2) , point (2,3) , point (3,1)
    , point (1,5) , root (4) , root (5) , root (7) , found (5, _58867462)
    , found (3, _58867534) , found (1, _58867498) , found (5,
    _58867510) , found (5, _58867450) , found (5, _58867522) , [] ]
[ link (_58867510, _58867498) , link (_58867534, _58867522) ,
    point (6,2) , point (2,3) , point (3,1) , point (1,5) , root (4) ,
    root (5) , root (7) , found (5, _58867498) , found (1, _58867534) ,
    found (5, _58867510) , found (5, _58867522) , [] ]
[ link (_58867534, _58867522) , point (6,2) , point (2,3) , point
    (3,1) , point (1,5) , root (4) , root (5) , root (7) , found (5,
    _58867534) , found (5, _58867522) , [] ]
[ point (6,2) , point (2,3) , point (3,1) , point (1,5) , root (4) , root
    (5) , root (7) , [] ]

```


[illegible]

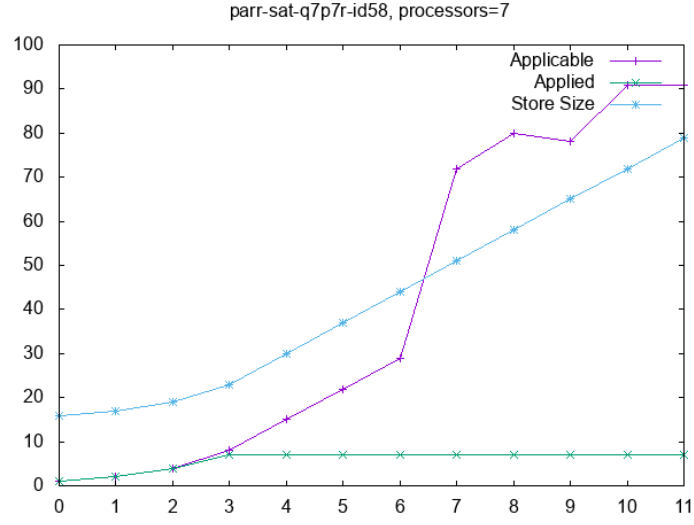
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```

Store = Query = [arc(0,1,1),arc(0,2,4),arc(0,3,9),arc
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(1,9,73),arc(2,9,58),arc(3,9,45),arc(4,9,34),arc
(5,9,25),arc(6,9,18),arc(7,9,13),arc(6,7,8),arc
(2,6,22),arc(2,3,3),arc(1,3,7),arc(1,5,17),arc(4,5,6)
,[]]
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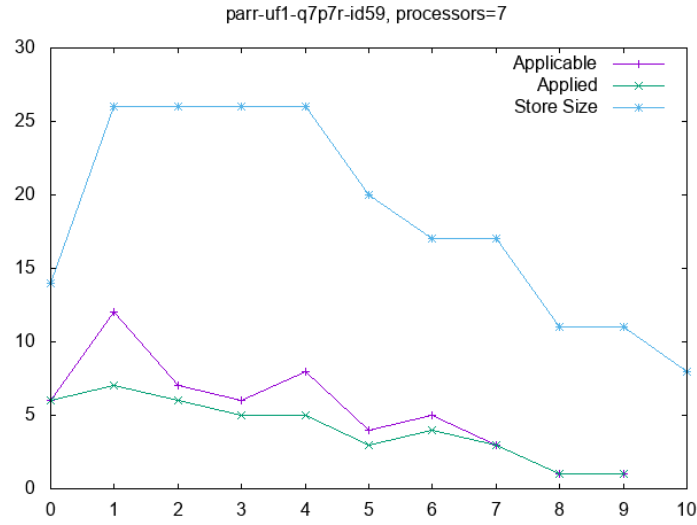
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```

Store = Query = [ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v
(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,
v(7)),eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),
eq(57,or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,
neg(3)),[ ]
[ f([1,2,3,4,5,6,7],[ ]),eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),
eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7)),eq(52,and
(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq(57,or(5,7)),
eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg(3)),[ ]
[ f([2,3,4,5,6,7],[ false(1) ]),f([2,3,4,5,6,7],[ true(1) ]),
eq(1,v(1)),eq(2,v(2)),eq(3,v(3)),eq(4,v(4)),eq(5,v(5))
,eq(6,v(6)),eq(7,v(7)),eq(52,and(5,2)),eq(27,or(2,7)),
eq(75,and(7,5)),eq(57,or(5,7)),eq(71,and(7,1)),eq(13,
or(1,3)),eq(33,neg(3)),[ ]
[ f([3,4,5,6,7],[ false(2),true(1) ]),f([3,4,5,6,7],[ true(2)
,true(1) ]),f([3,4,5,6,7],[ false(2),false(1) ]),f
([3,4,5,6,7],[ true(2),false(1) ]),eq(1,v(1)),eq(2,v(2))
,eq(3,v(3)),eq(4,v(4)),eq(5,v(5)),eq(6,v(6)),eq(7,v(7))
,eq(52,and(5,2)),eq(27,or(2,7)),eq(75,and(7,5)),eq
(57,or(5,7)),eq(71,and(7,1)),eq(13,or(1,3)),eq(33,neg
(3)),[ ]
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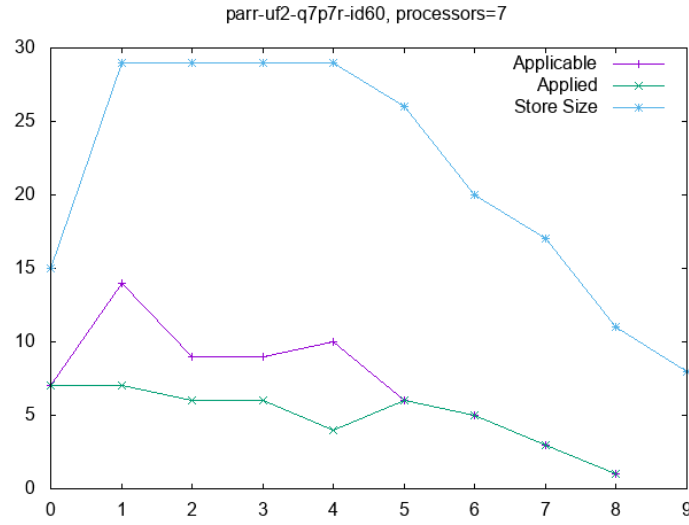
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```

Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_58991096 , _58991084) , link (_58991144 , _58991132) , link
  (_58991192 , _58991180) , point (6,4) , point (5,6) , point (1,3)
  , point (2,4) , point (7,1) , root (3) , root (4) , found (6 ,
  _58991132) , found (6 , _58991192) , found (4 , _58991096) , found
  (3 , _58991180) , found (6 , _58991084) , found (6 , _58991144)
  , [] ]
[ link (_58991096 , _58991084) , link (_58991144 , _58991132) , link
  (_58991192 , _58991180) , point (6,4) , point (5,6) , point (1,3)
  , point (2,4) , point (7,1) , root (3) , root (4) , found (4 ,
  _58991192) , found (4 , _58991144) , found (4 , _58991132) , found
  (4 , _58991084) , found (4 , _58991096) , found (3 , _58991180)
  , [] ]
[ link (_58991192 , _58991180) , point (3,4) , point (6,4) , point
  (5,6) , point (1,3) , point (2,4) , point (7,1) , root (4) , found
  (4 , _58991192) , found (3 , _58991180) , [] ]
[ link (_58991192 , _58991180) , point (3,4) , point (6,4) , point
  (5,6) , point (1,3) , point (2,4) , point (7,1) , root (4) , found
  (4 , _58991180) , found (4 , _58991192) , [] ]
[ point (3,4) , point (6,4) , point (5,6) , point (1,3) , point (2,4) ,
  point (7,1) , root (4) , [] ]

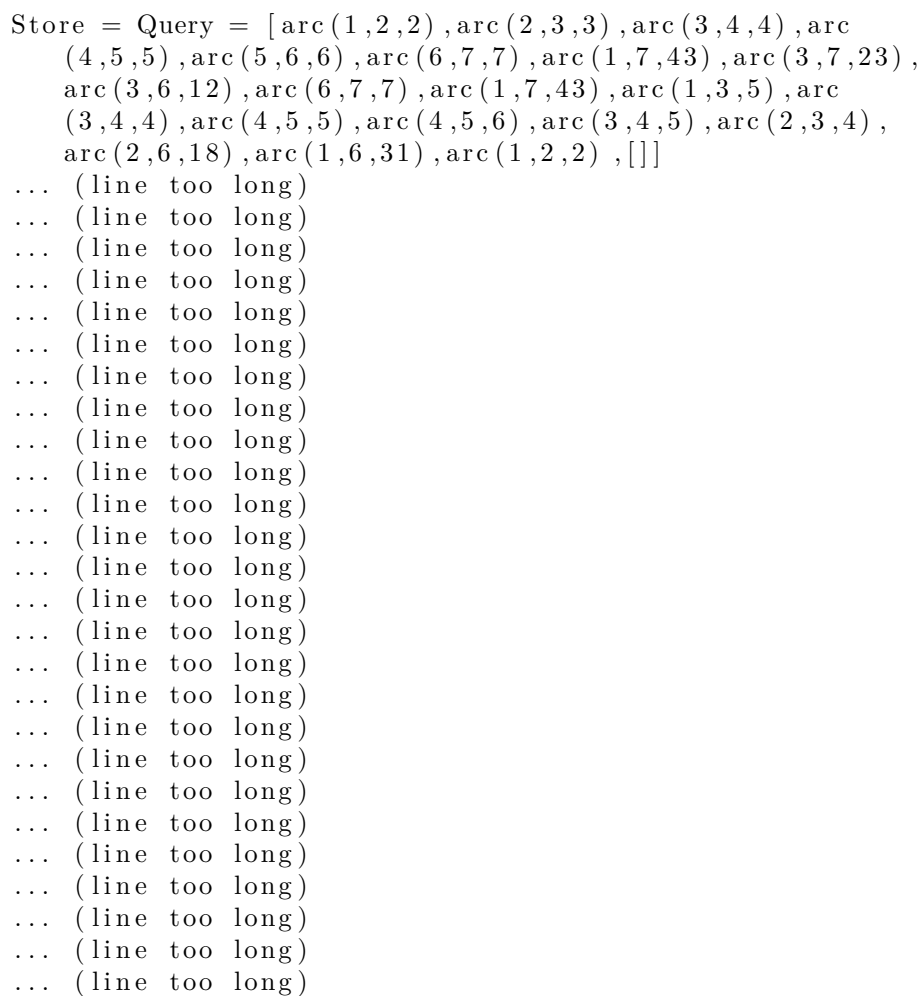
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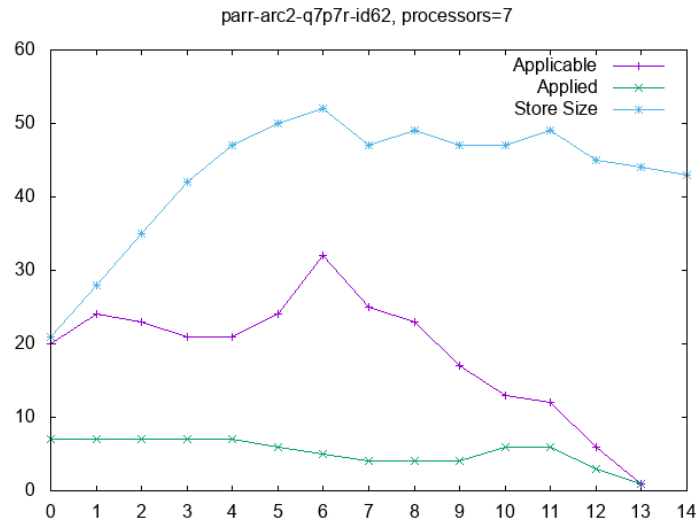
Store = Query = [ union (6,5) , union (5,1) , union (1,3) , union
                  (3,2) , union (2,6) , union (6,1) , union (1,3) , root (1) , root (2)
                  , root (3) , root (4) , root (5) , root (6) , root (7) , [] ]
[ union (6,5) , union (5,1) , union (1,3) , union (3,2) , union (2,6) ,
  union (6,1) , union (1,3) , root (1) , root (2) , root (3) , root (4) ,
  root (5) , root (6) , root (7) , [] ]
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[ find (6, _58993904) , link (_58993856, _58993844) , link (
  _58993880, _58993868) , link (_58993904, _58993892) , point
  (3,6) , point (2,3) , point (5,6) , point (1,5) , root (4) , root (6)
  , root (7) , found (6, _58993880) , found (6, _58993844) , found
  (6, _58993892) , found (6, _58993856) , found (6, _58993868)
  , [] ]
[ link (_58993904, _58993892) , point (3,6) , point (2,3) , point
  (5,6) , point (1,5) , root (4) , root (6) , root (7) , found (6,
  _58993904) , found (6, _58993892) , [] ]
[ point (3,6) , point (2,3) , point (5,6) , point (1,5) , root (4) , root
  (6) , root (7) , [] ]

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[illegible]

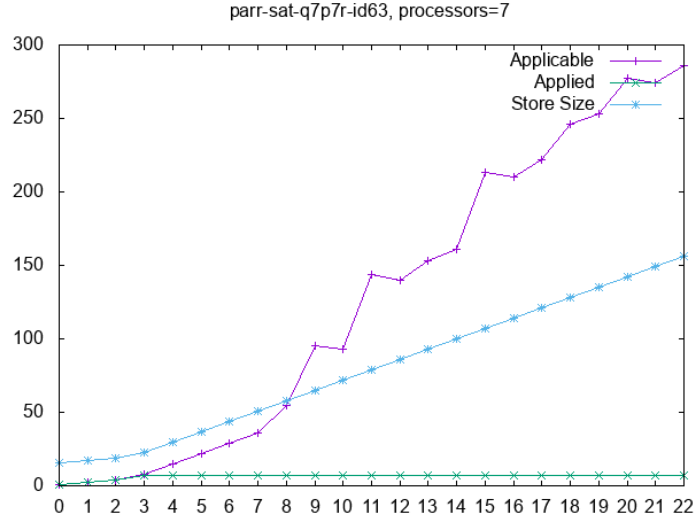
[illegible]



```

Store = Query = [arc(0,1,1), arc(0,2,4), arc(0,3,9), arc
(0,4,16), arc(0,5,25), arc(0,6,36), arc(0,7,49), arc
(1,9,73), arc(2,9,58), arc(3,9,45), arc(4,9,34), arc
(5,9,25), arc(6,9,18), arc(7,9,13), arc(6,7,8), arc
(2,6,22), arc(2,3,3), arc(1,3,7), arc(1,5,17), arc(4,5,6)
, []]
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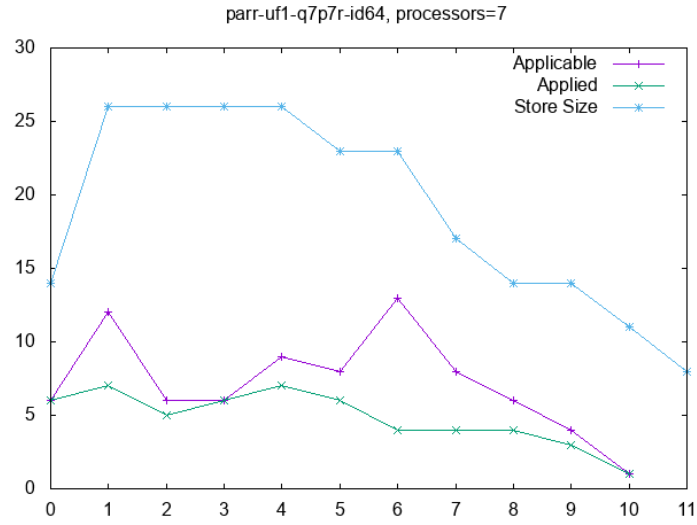



```

Store = Query = [ f ([ 1, 2, 3, 4, 5, 6, 7 ], [ ] ), eq ( 1, v ( 1 ) ), eq ( 2, v
    ( 2 ) ), eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7,
    v ( 7 ) ), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ),
    eq ( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33,
    neg ( 3 ) ), [ ] ]
[ f ([ 1, 2, 3, 4, 5, 6, 7 ], [ ] ), eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) ), eq ( 3, v ( 3 ) ),
    eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 ) ), eq ( 52, and
    ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ), eq ( 57, or ( 5, 7 ) ),
    eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33, neg ( 3 ) ), [ ] ]
[ f ([ 2, 3, 4, 5, 6, 7 ], [ false ( 1 ) ] ), f ([ 2, 3, 4, 5, 6, 7 ], [ true ( 1 ) ] ),
    eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) ), eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) )
    , eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 ) ), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ),
    eq ( 75, and ( 7, 5 ) ), eq ( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13,
    or ( 1, 3 ) ), eq ( 33, neg ( 3 ) ), [ ] ]
[ f ([ 3, 4, 5, 6, 7 ], [ false ( 2 ), true ( 1 ) ] ), f ([ 3, 4, 5, 6, 7 ], [ true ( 2 )
    , true ( 1 ) ] ), f ([ 3, 4, 5, 6, 7 ], [ false ( 2 ), false ( 1 ) ] ), f
    ([ 3, 4, 5, 6, 7 ], [ true ( 2 ), false ( 1 ) ] ), eq ( 1, v ( 1 ) ), eq ( 2, v ( 2 ) )
    , eq ( 3, v ( 3 ) ), eq ( 4, v ( 4 ) ), eq ( 5, v ( 5 ) ), eq ( 6, v ( 6 ) ), eq ( 7, v ( 7 )
    ), eq ( 52, and ( 5, 2 ) ), eq ( 27, or ( 2, 7 ) ), eq ( 75, and ( 7, 5 ) ), eq
    ( 57, or ( 5, 7 ) ), eq ( 71, and ( 7, 1 ) ), eq ( 13, or ( 1, 3 ) ), eq ( 33, neg
    ( 3 ) ), [ ] ]
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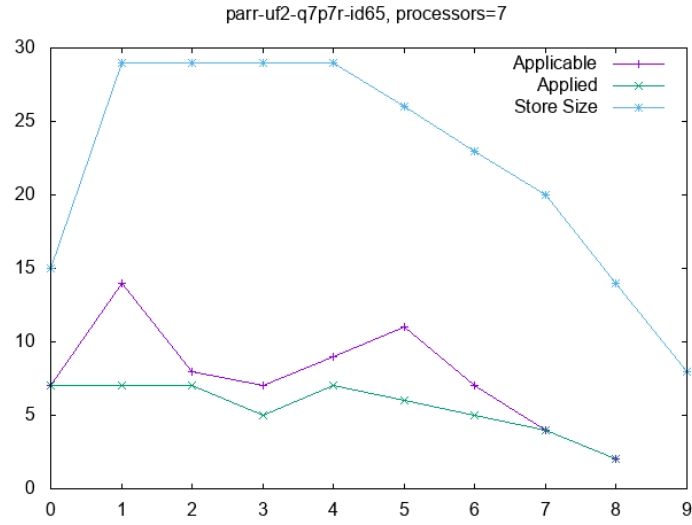
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Store = Query = [ union (4,2) , union (2,6) , union (6,5) , union
                  (5,3) , union (3,1) , union (1,7) , root (1) , root (2) , root (3) ,
                  root (4) , root (5) , root (6) , root (7) , [] ]
[ union (4,2) , union (2,6) , union (6,5) , union (5,3) , union (3,1) ,
  union (1,7) , root (1) , root (2) , root (3) , root (4) , root (5) ,
  root (6) , root (7) , [] ]
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[ link (_59214830 , _59214818) , link (_59214854 , _59214842) , link
  (_59214950 , _59214938) , point (6,4) , point (7,1) , point (1,3)
  , point (3,5) , point (5,6) , point (2,4) , root (4) , found (4,
  _59214842) , found (6, _59214818) , found (3, _59214938) , found
  (3, _59214950) , found (4, _59214854) , found (5, _59214830)
  , [] ]
[ link (_59214830 , _59214818) , link (_59214950 , _59214938) ,
  point (6,4) , point (7,1) , point (1,3) , point (3,5) , point (5,6)
  , point (2,4) , root (4) , found (5, _59214938) , found (6,
  _59214830) , found (5, _59214950) , found (6, _59214818) , [] ]
[ link (_59214830 , _59214818) , link (_59214950 , _59214938) ,
  point (6,4) , point (7,1) , point (1,3) , point (3,5) , point (5,6)
  , point (2,4) , root (4) , found (6, _59214950) , found (4,
  _59214818) , found (6, _59214938) , found (4, _59214830) , [] ]
[ link (_59214950 , _59214938) , point (6,4) , point (7,1) , point
  (1,3) , point (3,5) , point (5,6) , point (2,4) , root (4) , found
  (4, _59214950) , found (4, _59214938) , [] ]
[ point (6,4) , point (7,1) , point (1,3) , point (3,5) , point (5,6) ,
  point (2,4) , root (4) , [] ]

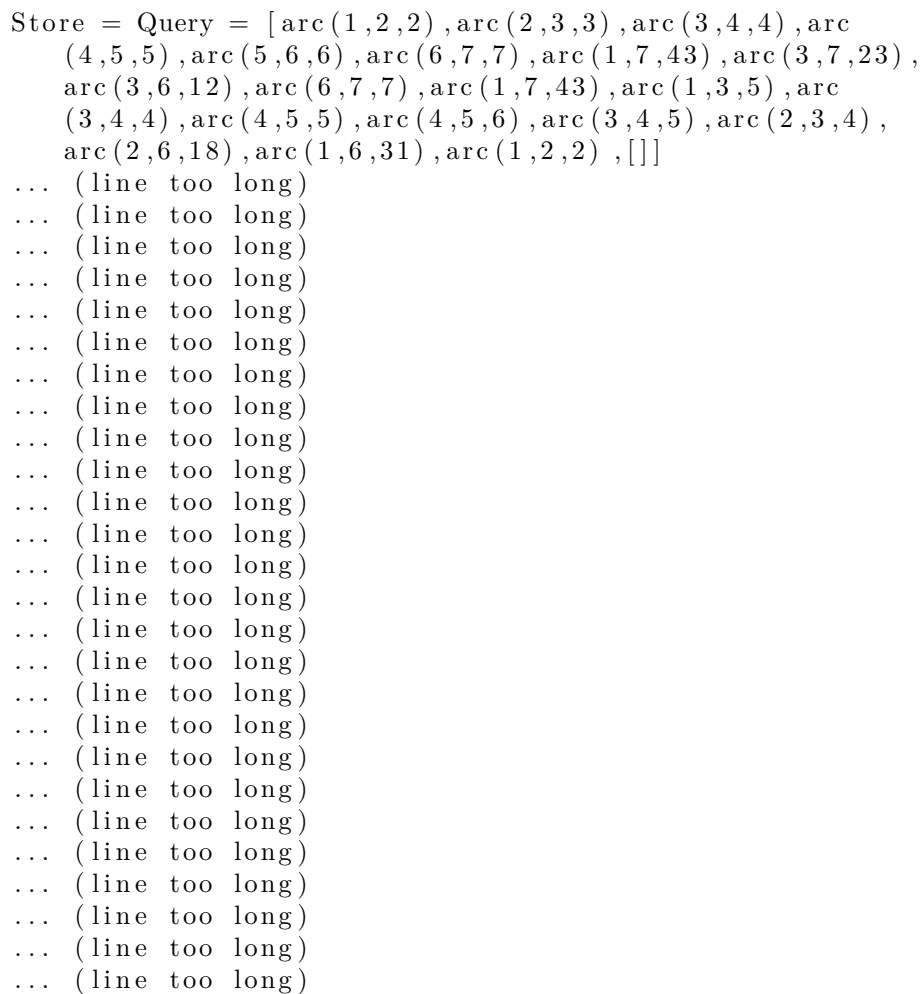
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Store = Query = [union(6,5),union(5,1),union(1,3),union
  (3,2),union(2,6),union(6,1),union(1,3),root(1),root(2)
  ,root(3),root(4),root(5),root(6),root(7),[]]
[union(6,5),union(5,1),union(1,3),union(3,2),union(2,6),
  union(6,1),union(1,3),root(1),root(2),root(3),root(4),
  root(5),root(6),root(7),[]]
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[link(_59217888,_59217876),link(_59217960,_59217948),
  point(5,2),point(3,1),point(1,5),point(6,2),root(2),
  root(4),root(7),found(2,_59217876),found(2,_59217960),
  found(2,_59217888),found(2,_59217948),[]]
[point(5,2),point(3,1),point(1,5),point(6,2),root(2),root
  (4),root(7),[]]

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[illegible]

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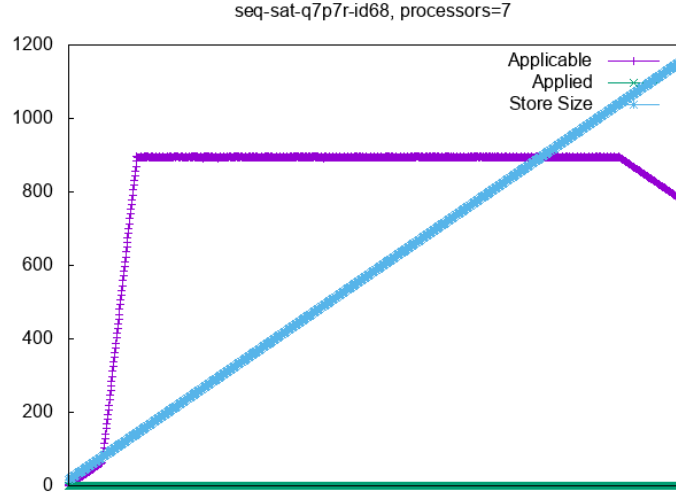
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Store = Query = [ f ([1,2,3,4,5,6,7],[]) ,eq(1,v(1)) ,eq(2,v
(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,
v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,eq(75,and(7,5)) ,
eq(57,or(5,7)) ,eq(71,and(7,1)) ,eq(13,or(1,3)) ,eq(33,
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[ f ([1,2,3,4,5,6,7],[]) ,eq(1,v(1)) ,eq(2,v(2)) ,eq(3,v(3)) ,
eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,v(7)) ,eq(52,and
(5,2)) ,eq(27,or(2,7)) ,eq(75,and(7,5)) ,eq(57,or(5,7)) ,
eq(71,and(7,1)) ,eq(13,or(1,3)) ,eq(33,neg(3)) ,[]]
[ f ([2,3,4,5,6,7],[false(1)]) ,f ([2,3,4,5,6,7],[true(1)]) ,
eq(1,v(1)) ,eq(2,v(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5))
,eq(6,v(6)) ,eq(7,v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,
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or(1,3)) ,eq(33,neg(3)) ,[]]
[ f ([3,4,5,6,7],[false(2),false(1)]) ,f ([3,4,5,6,7],[true
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eq(2,v(2)) ,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6))
,eq(7,v(7)) ,eq(52,and(5,2)) ,eq(27,or(2,7)) ,eq(75,and
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([3,4,5,6,7],[true(2),false(1)]) ,eq(1,v(1)) ,eq(2,v(2))
,eq(3,v(3)) ,eq(4,v(4)) ,eq(5,v(5)) ,eq(6,v(6)) ,eq(7,v(7))
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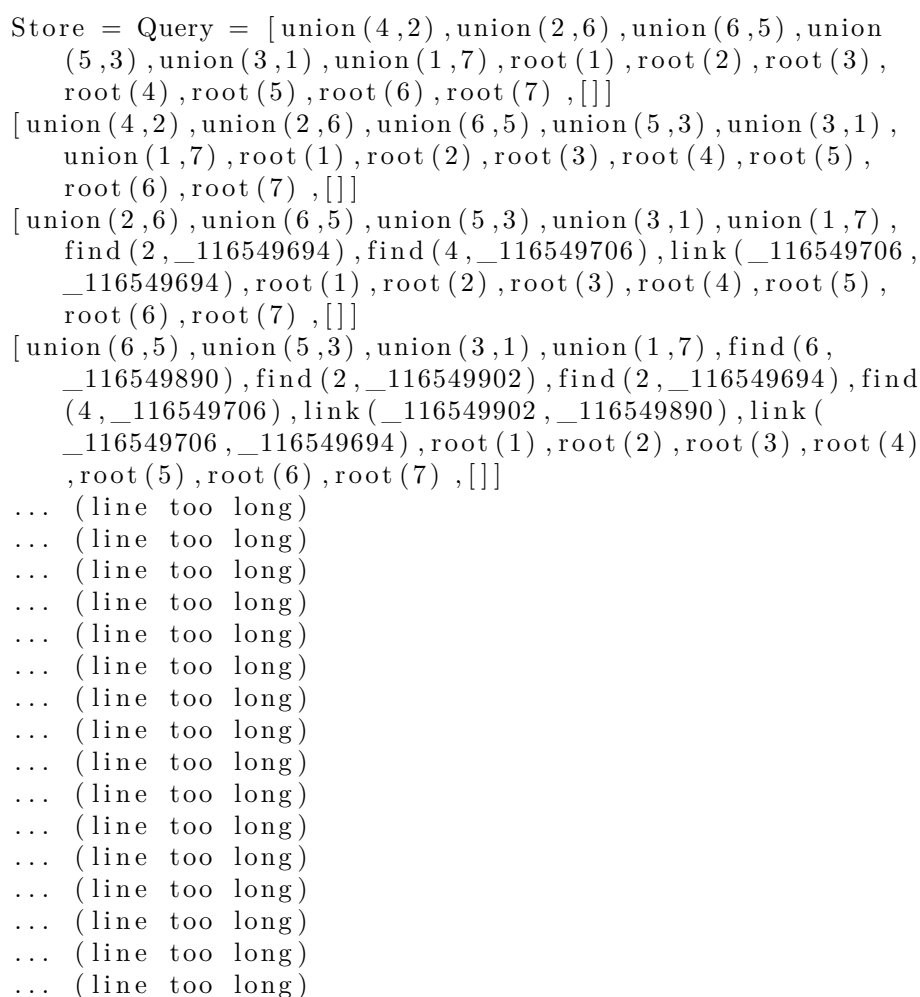
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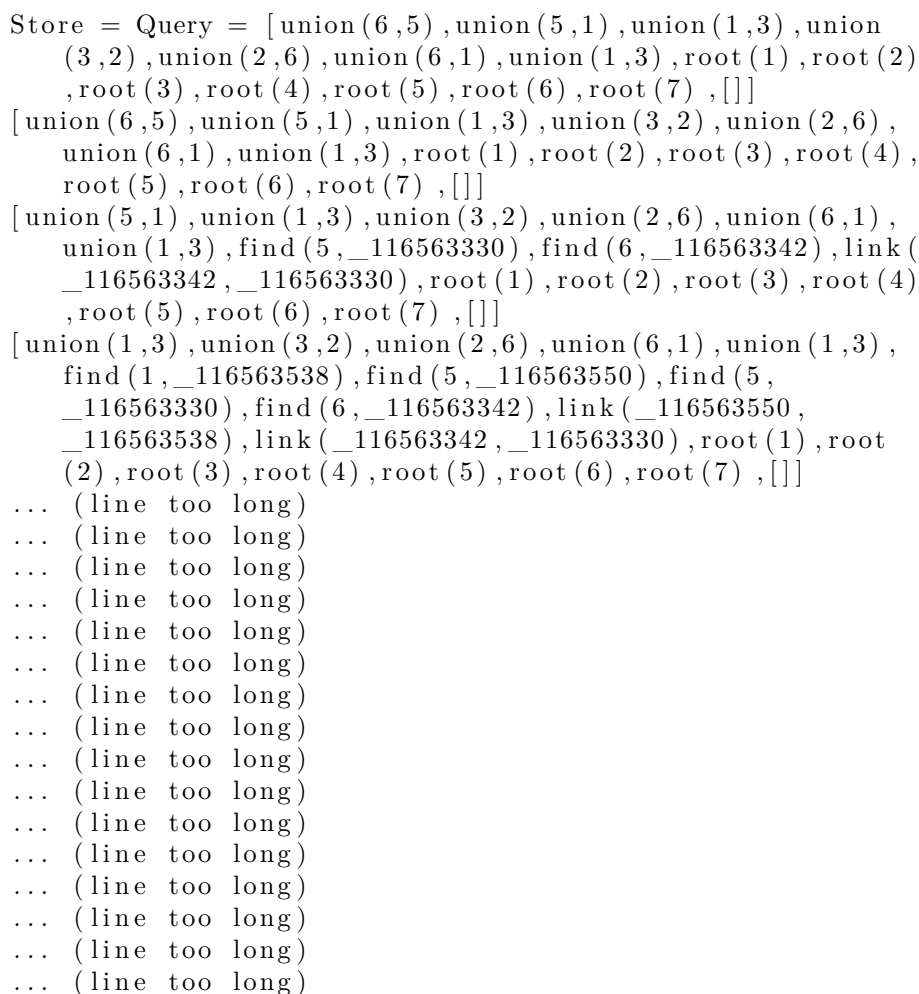
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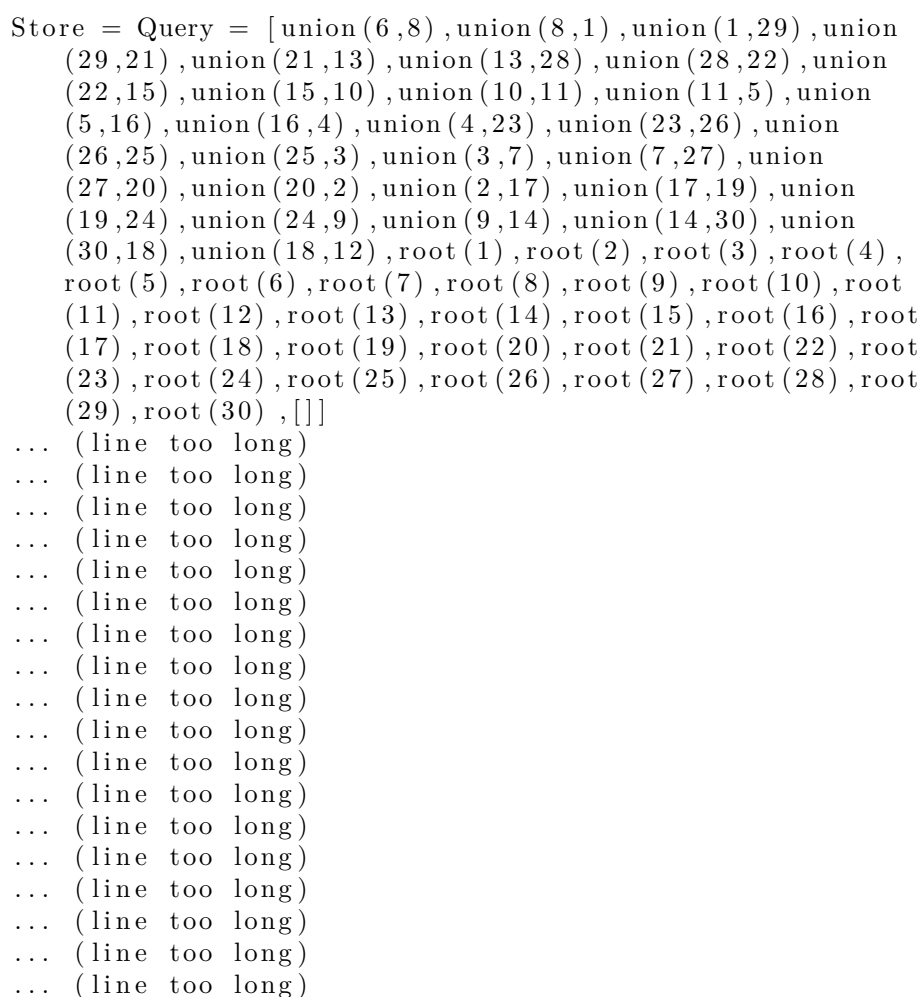



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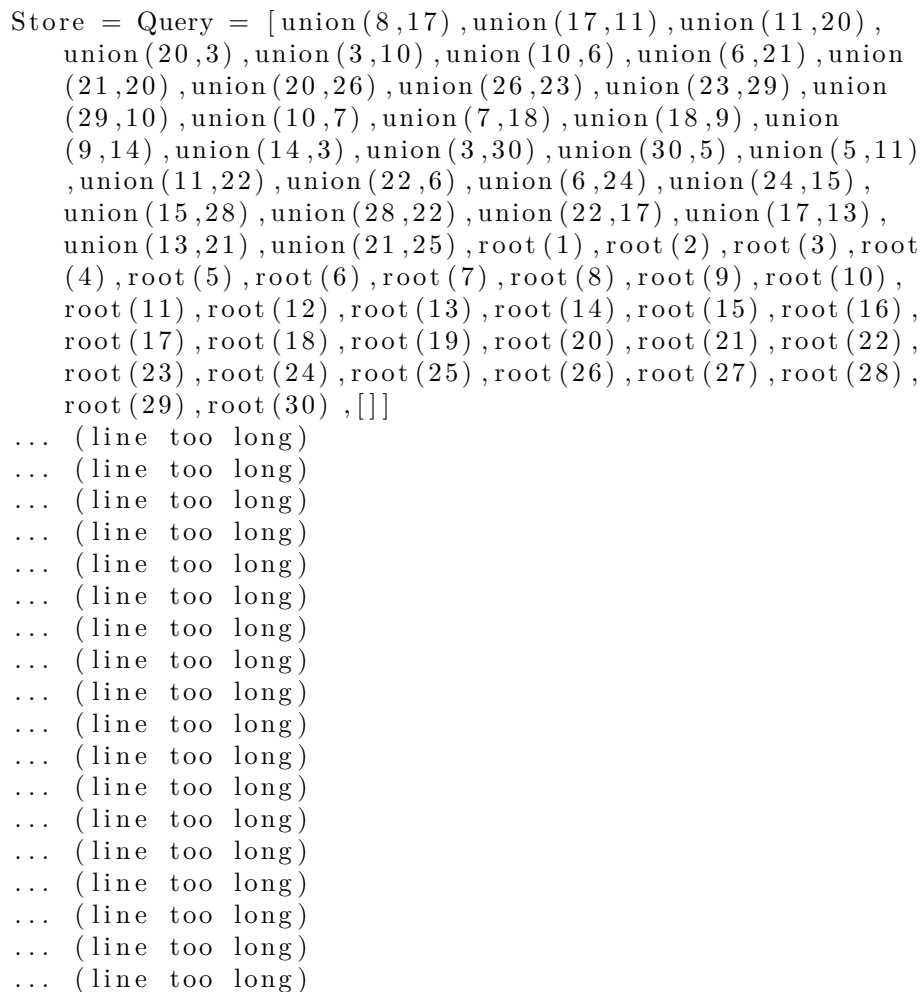
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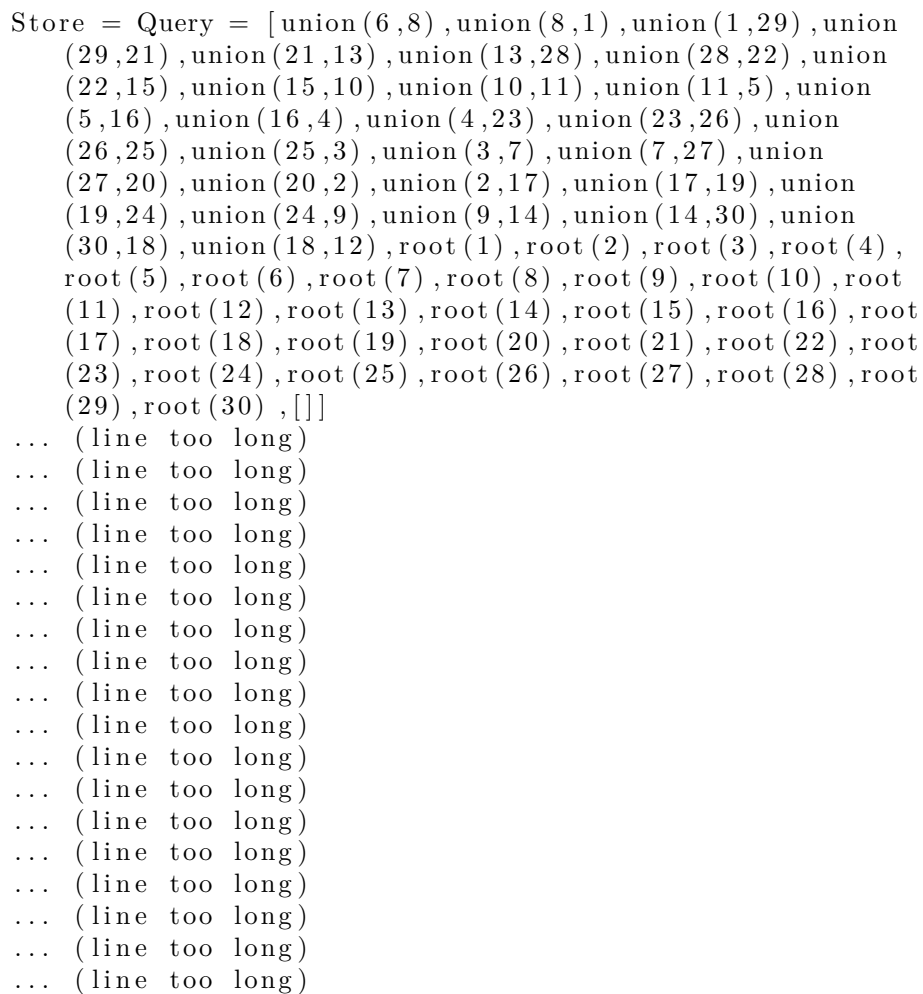
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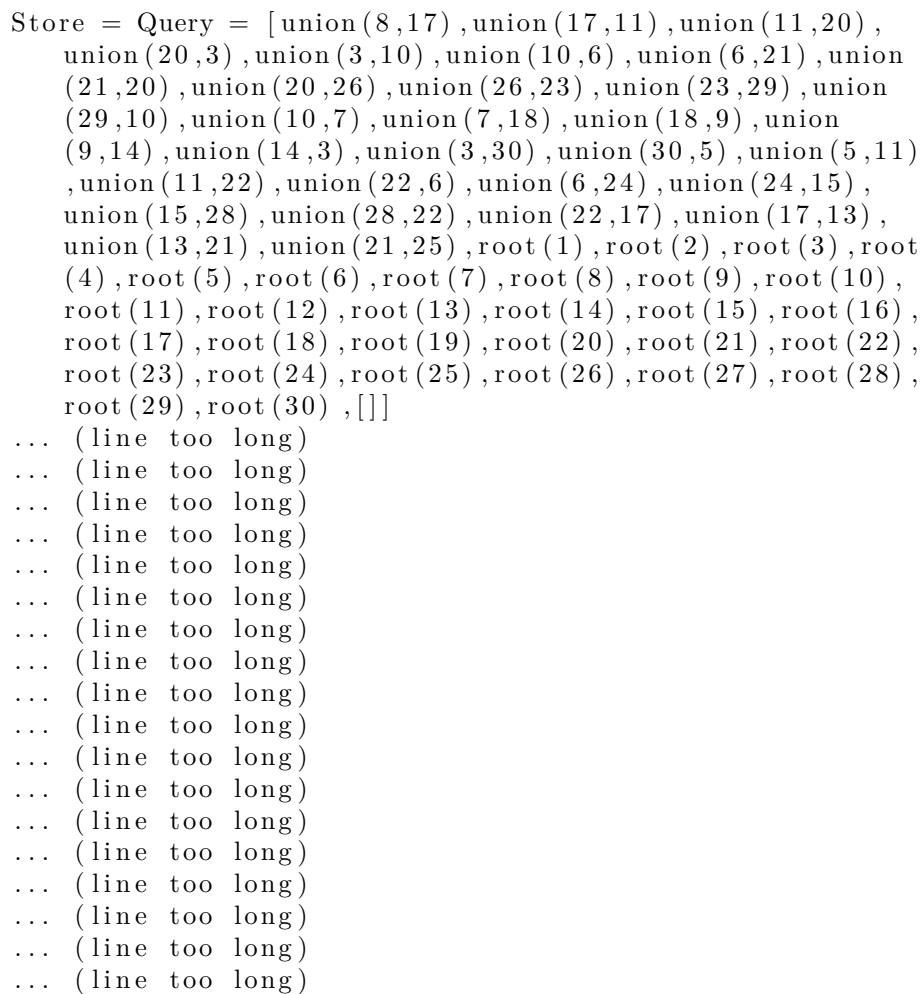


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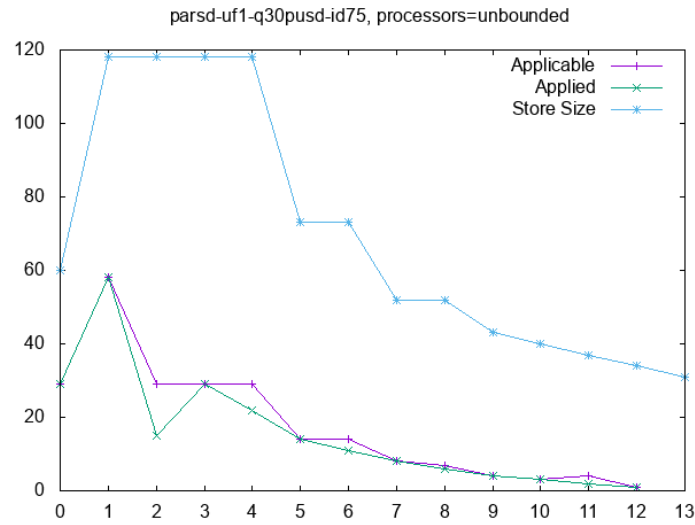




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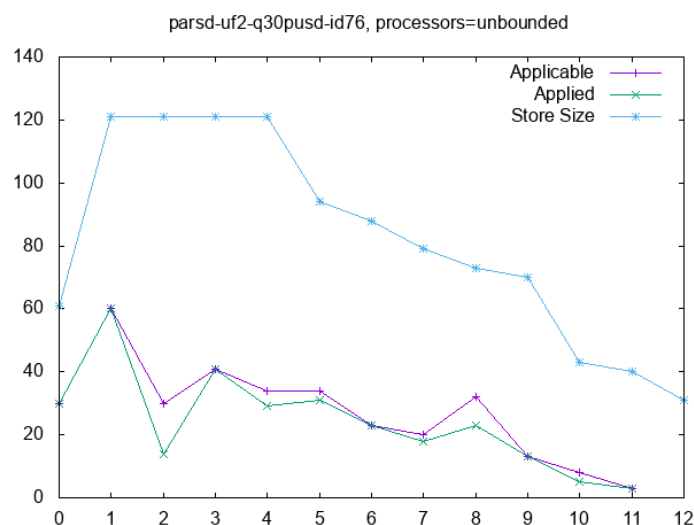

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Store = Query = [union(6,8),union(8,1),union(1,29),union
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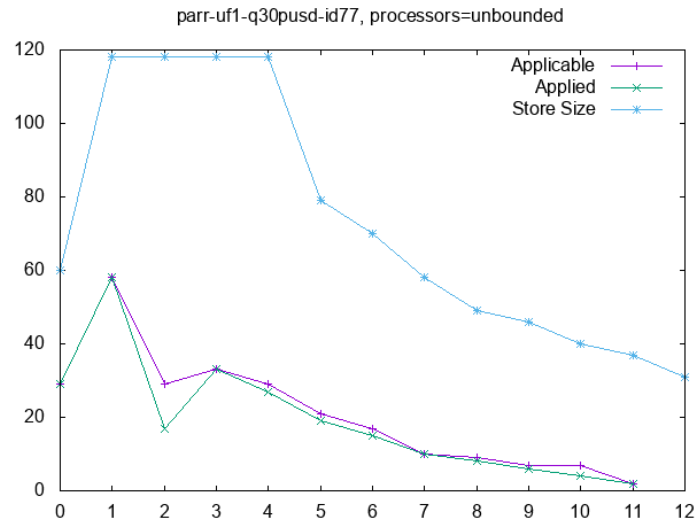
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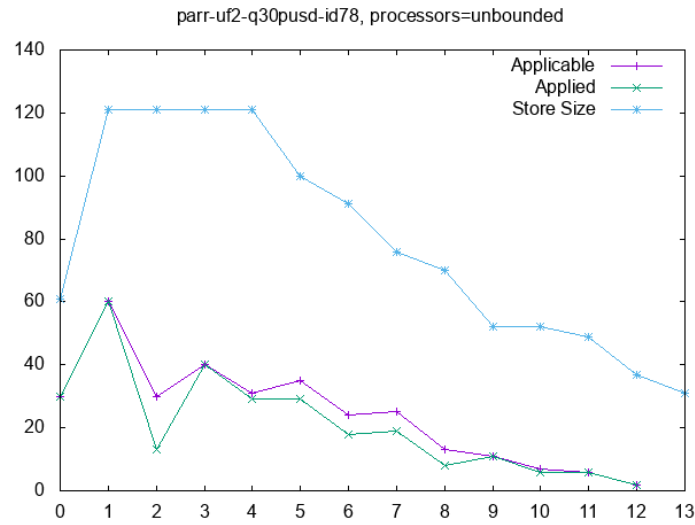
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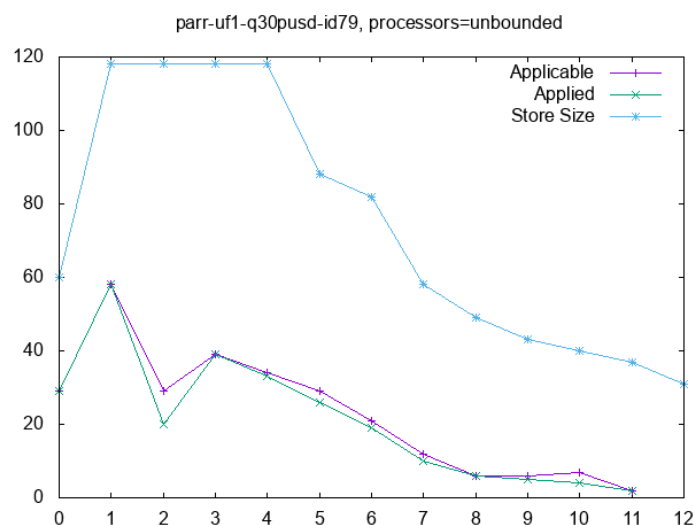
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Store = Query = [union(8,17),union(17,11),union(11,20),
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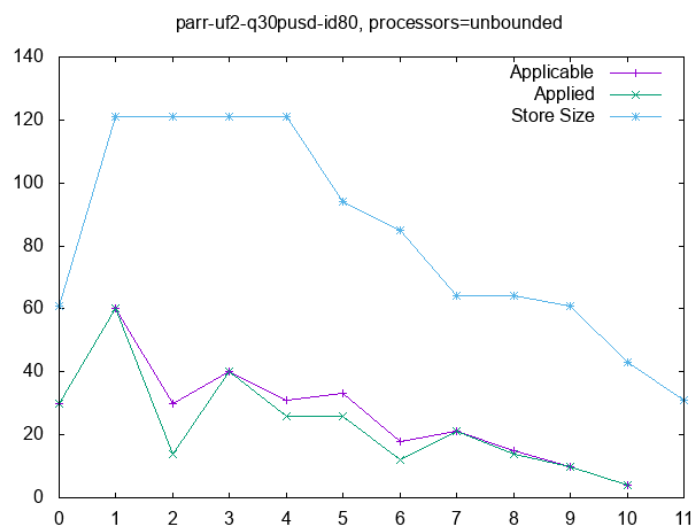
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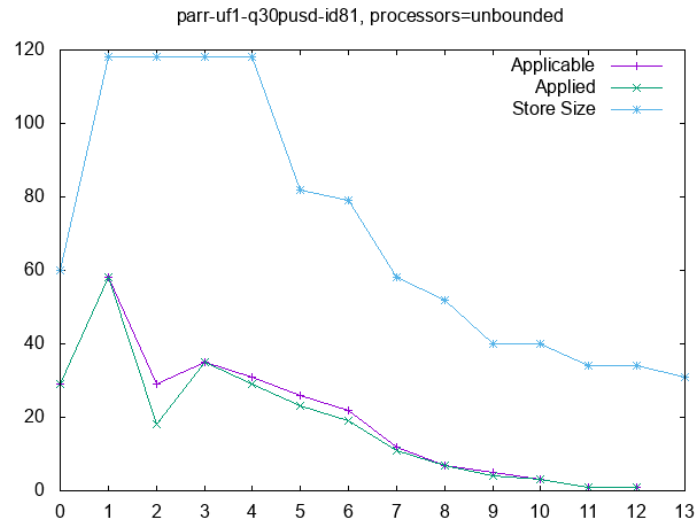
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Store = Query = [union(8,17),union(17,11),union(11,20),
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union(15,28),union(28,22),union(22,17),union(17,13),
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root(29),root(30),[]]
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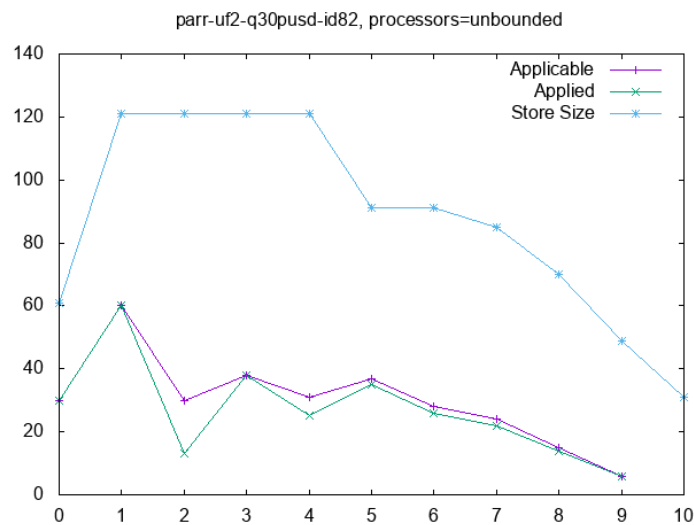
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Store = Query = [union(6,8),union(8,1),union(1,29),union
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(5,16),union(16,4),union(4,23),union(23,26),union
(26,25),union(25,3),union(3,7),union(7,27),union
(27,20),union(20,2),union(2,17),union(17,19),union
(19,24),union(24,9),union(9,14),union(14,30),union
(30,18),union(18,12),root(1),root(2),root(3),root(4),
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(23),root(24),root(25),root(26),root(27),root(28),root
(29),root(30),[]]
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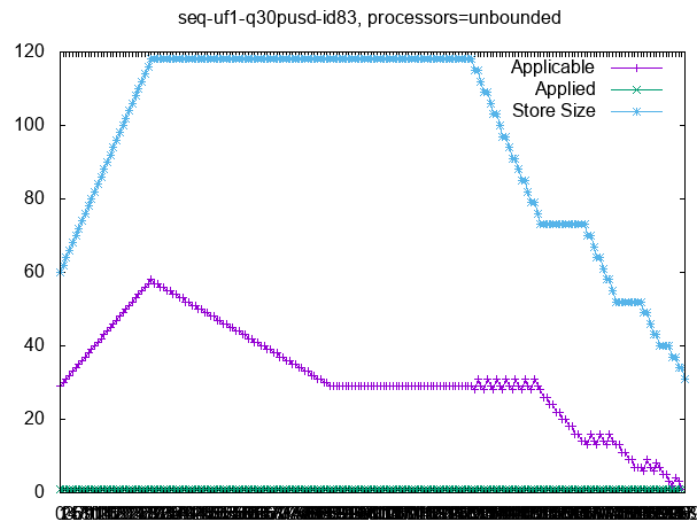
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Store = Query = [union(8,17),union(17,11),union(11,20),
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(29,10),union(10,7),union(7,18),union(18,9),union
(9,14),union(14,3),union(3,30),union(30,5),union(5,11)
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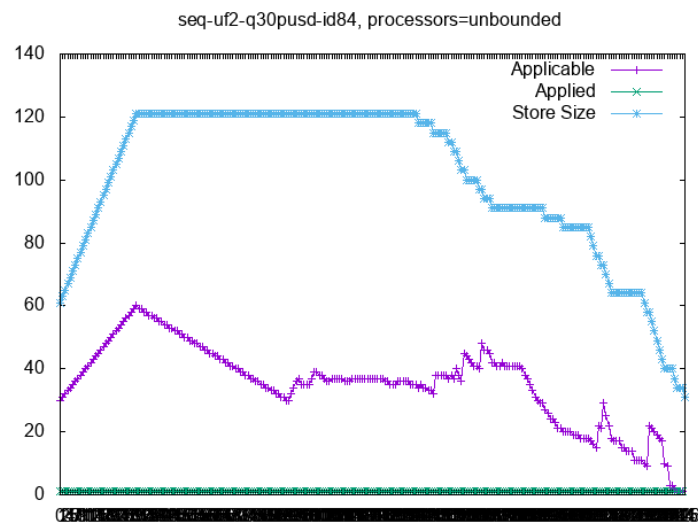
[illegible]

[illegible]

[illegible]

[illegible]

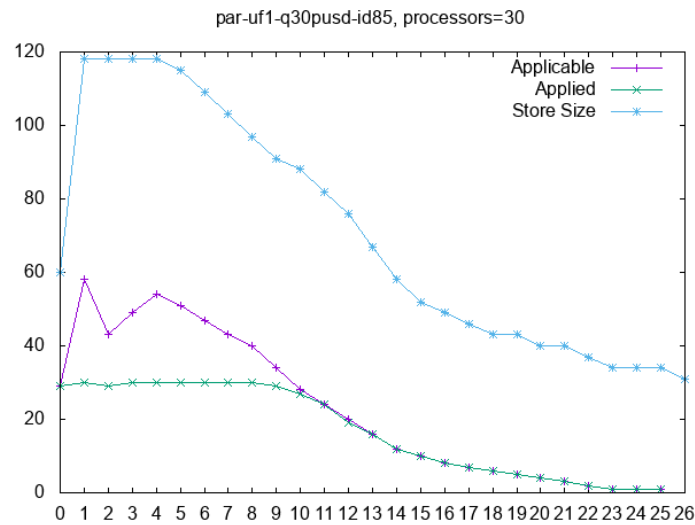
[illegible]

[illegible]

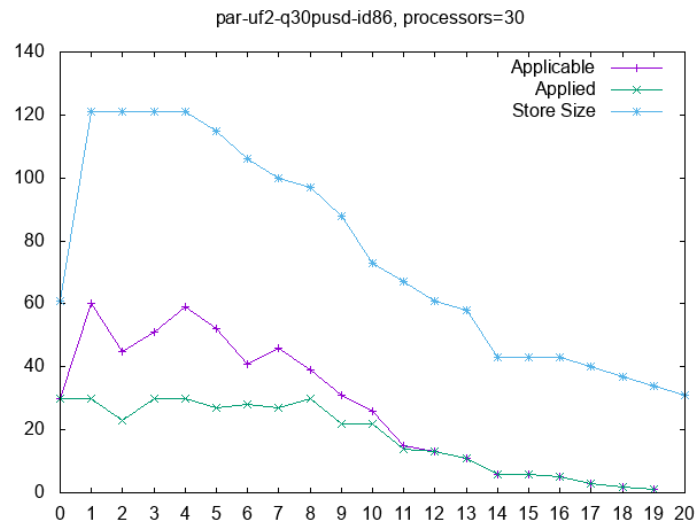
[illegible]

[illegible]


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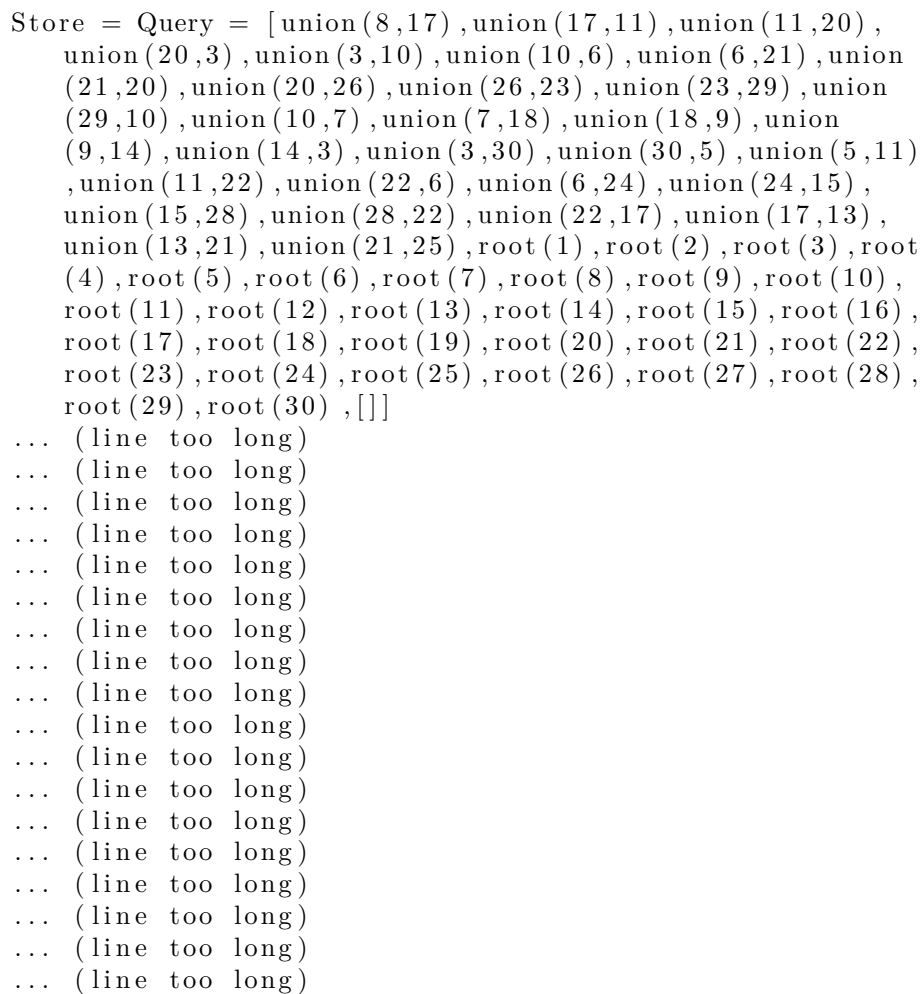


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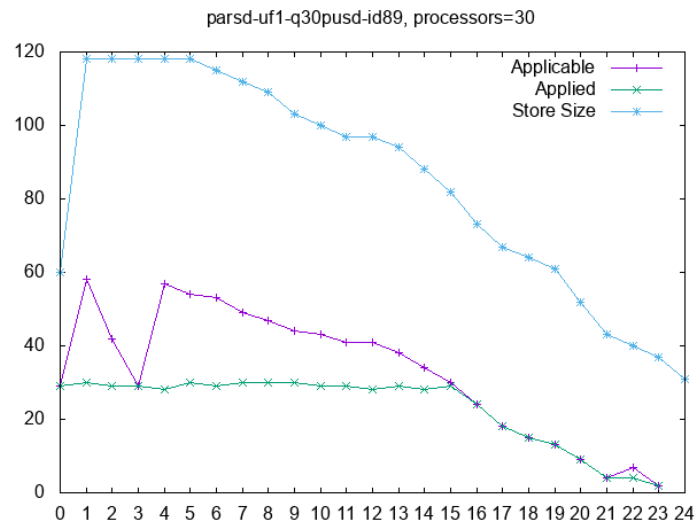


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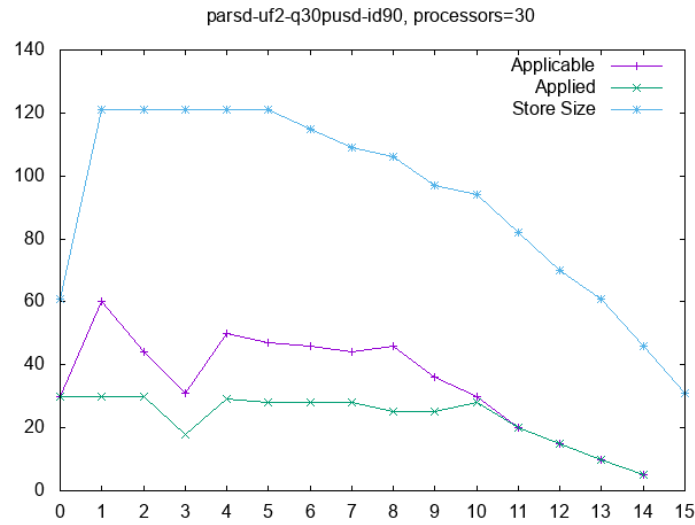

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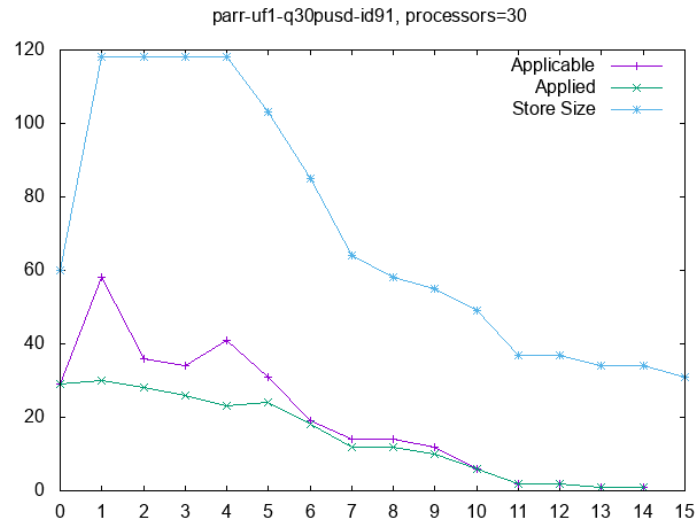
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Store = Query = [union(8,17),union(17,11),union(11,20),
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(9,14),union(14,3),union(3,30),union(30,5),union(5,11)
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union(13,21),union(21,25),root(1),root(2),root(3),root
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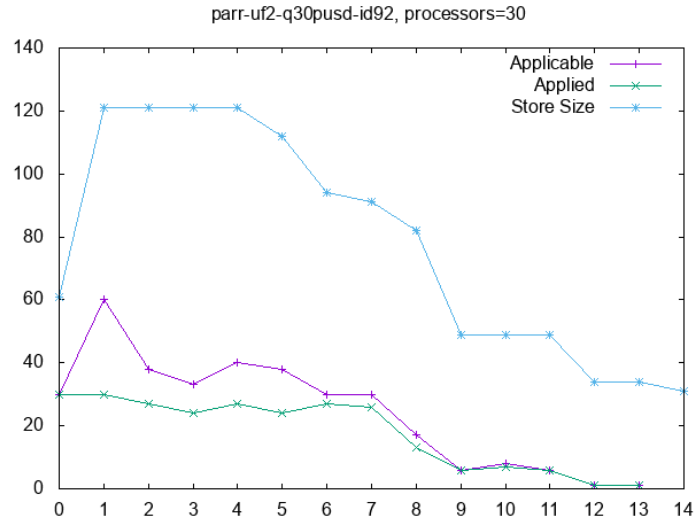
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Store = Query = [union(6,8),union(8,1),union(1,29),union
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(26,25),union(25,3),union(3,7),union(7,27),union
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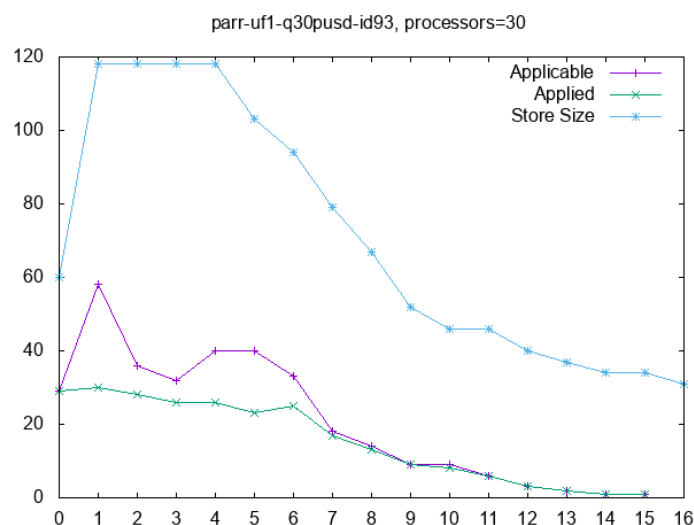
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Store = Query = [union(8,17),union(17,11),union(11,20),
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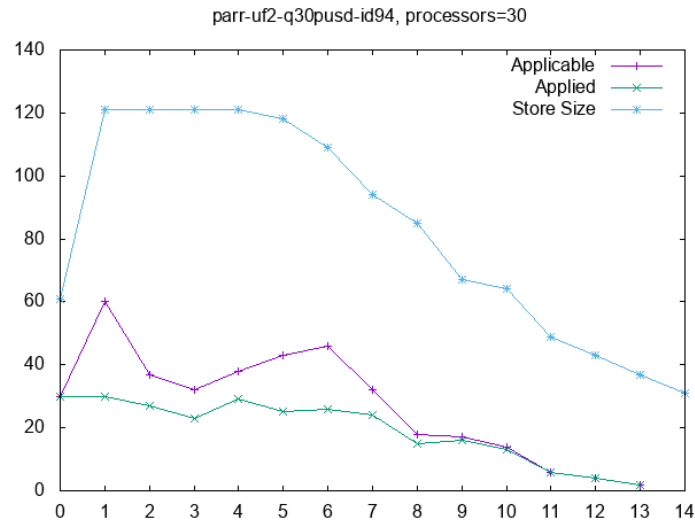
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Store = Query = [union(6,8),union(8,1),union(1,29),union
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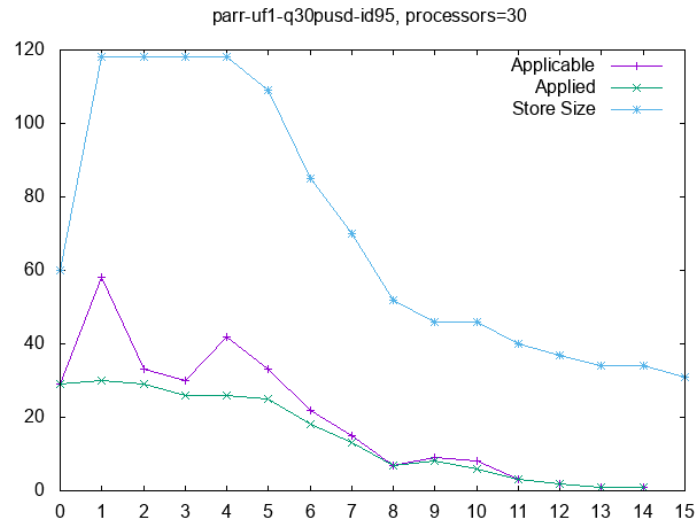
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Store = Query = [union(8,17),union(17,11),union(11,20),
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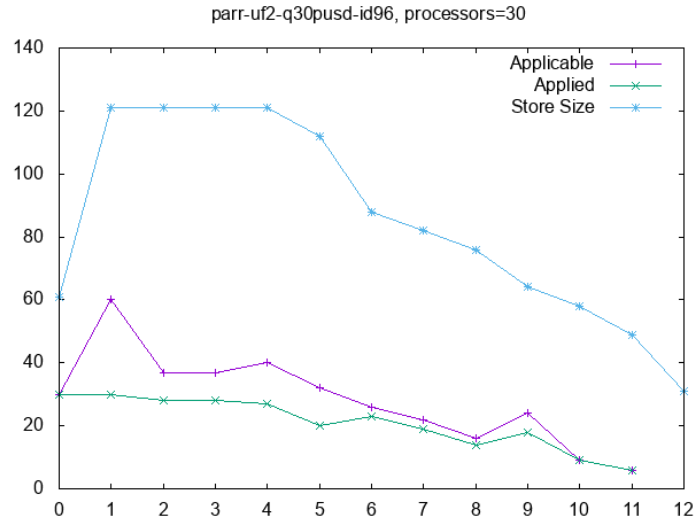
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Store = Query = [union(6,8),union(8,1),union(1,29),union
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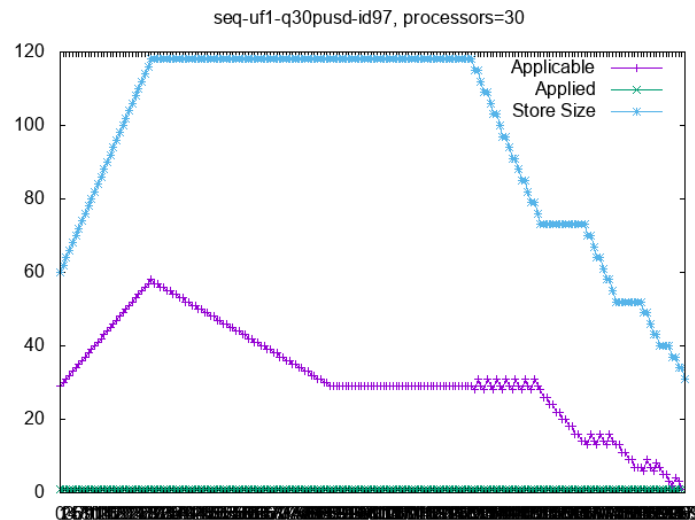
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Store = Query = [union(8,17),union(17,11),union(11,20),
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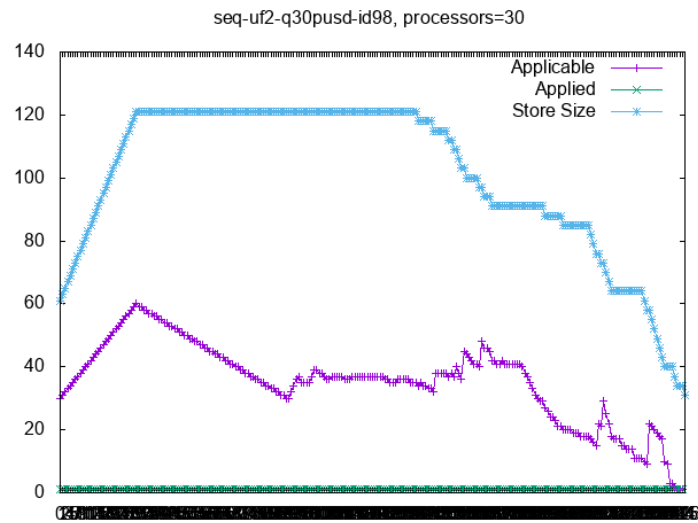

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