유비쿼터스 컴퓨팅을 위한 접근 제어 규칙과 상황적응 규칙의 안전성 검사#

[illegible]

[illegible]

1.

[illegible]

2.

[illegible]

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[illegible]

본 연구는 한국과학재단 특정기초연구(R01-2006-000-10926-0) 지원으로 수행되었음.

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School:ubischool
      [Floor[PCRoom[Computer+Printer]
            +LectureRoom[Projector]]
      +Looby[Printer]]
```

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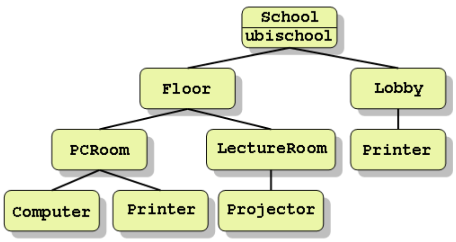

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Location(Pda,IsIn,PCRoom),
Location(Pda,IsIn,LectureRoom),
Ownership(Student,Owns,Pda)
```

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```
($PCRoom/$Printer,$Pda.registerPrinter,true)
```

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```
Location($Pda,IsIn,$PCRoom) ^
  Ownership($Student,Owns,$Pda)
 => $Pda.registerPrinter($PCRoom/$Printer)
```

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```
($PCRoom/$Printer,
      $PCRoom/$Pda.registerPrinter,true)
Location($Pda,IsIn,
              School:ubischool/.../$PCRoom)
 => $Pda.registerPrinter(
              School:ubischool/.../$Printer)
```

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School:ubischool  ⇒ {[School]}
      $Lobby/* ⇒ {[School/Lobby/Printer]}
     .../$PCRoom ⇒ {[School/Floor/PCRoom]}
$Printer ⇒ {[School/Floor/PCRoom/Printer],
            [School/Lobby/Printer]}
```

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```
($PCRoom/$Printer,
   $PCRoom/$Pda.registerPrinter,
      Ownership($Pda,Owns,$PCRoom))
Location($Pda,IsIn,$PCRoom)
  => $Pda.registerPrinter($PCRoom/$Printer)
```

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```
Acc1 : ($Lobby/$Printer,
        $Lobby/$Pda.registerPrinter,true)
Acc2 : ($PCRoom/$Printer,
        $PCRoom/$Pda.registerPrinter,
           Ownership($Pda,Owns,$PCRoom))
Acc3 : (School:ubischool/Floor:f1/
          PCRoom:room1/$Printer,
    School:ubischool/Floor:f1/PCRoom:room1/
       $Pda.registerPrinter,true)
Adap1 : Location($Pda,IsIn,$Lobby)
        => $Pda.registerPrinter($Lobby/
                              $Printer)
Adap2 : Location($Pda,IsIn,
    School:ubischool/Floor:f1/PCRoom:room1)
  => $Pda.registerPrinter(School:ubischool/
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Floor:f1/PCroom:room1/$Printer)
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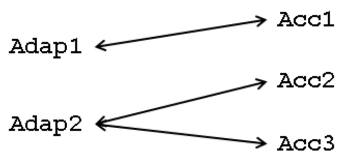

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