# Instance Pointcut Checks

* If the add expressions do not match any events / The set is empty
  + warning
* If the same object is selected both by the before and the after event, then I store the version of the object selected by the latest event, with cardinality = 2
  + Emit a warning that this is the case
* Similarly for the removal condition, such a case will result in object being removed twice, this might have undesired effects
  + Emit a warning that this is the case
* If the declared type is a leaf type
  + Warn that there are no subtypes
* If the ip is refined to an non-existent type/ not a sub-type
  + Compile error
* Ill formed composition expressions
* Illegal compositions