

## **Wikiprint Book**

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## Confined

@Confined is type, field and method annotation stating that annotated fields may be only accessed by from classes or packages that belong to specified @Region. It would be also possible to specify canonical name of certain classes or packages using regex-patterns. By annotating certain classes all its fields and methods are implicitly marked as @Confined.

Typical usage would look like the following:

```
@Confined("#abcd", "x.y.z.*", "e.f.g.h", "java.util.ArrayList", "? extends x.y.t") class XYZ {  
}
```

which would mean class XYZ may be accessed by:

- classes which belongs to region abcd
- all classes which belongs to package x.y.z
- by class e.f.g.h and java.util.ArrayList
- by class or interface x.y.t and all its subclasses

In case no region or class is specified the annotation means, that the object under confined reference may be modified only by other objects of its type.