Rule 05. Object Orientation (OBJ)

Rules

- OBJ01-J. Limit accessibility of fields
- OBJ02-J. Preserve dependencies in subclasses when changing superclasses
- OBJ03-J. Prevent heap pollution
- OBJ04-J. Provide mutable classes with copy functionality to safely allow passing instances to untrusted code
- OBJ05-J. Do not return references to private mutable class members
- OBJ06-J. Defensively copy mutable inputs and mutable internal components
- OBJ07-J. Sensitive classes must not let themselves be copied
- OBJ08-J. Do not expose private members of an outer class from within a nested class
- OBJ09-J. Compare classes and not class names
- OBJ10-J. Do not use public static nonfinal fields
- OBJ11-J. Be wary of letting constructors throw exceptions
- OBJ12-J. Respect object-based annotations
- OBJ13-J. Ensure that references to mutable objects are not exposed
- OBJ14-J. Do not use an object that has been freed

Risk Assessment Summary

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<tr>
<th>Rule</th>
<th>Severity</th>
<th>Likelihood</th>
<th>Remediation Cost</th>
<th>Priority</th>
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