

# Open Issues and Cleanups

This table summarizes what known open issues are, both in the specification and the RI, and points to the discussions on the mailing lists.

Issue	Next responsible	Email thread
Desugaring of anonymous classes	EG, Steve	Finalize the discussion: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-March/000087.html">http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-March/000087.html</a>  Ensure the implementation is in conformance.
Receiver parameter name	EG, wmdietl	Receiver parameter name checks should not be based on Strings, but on semantics: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000796.html">http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000796.html</a>  The EG needs to finalize the spec on what receiver parameter names are legal: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000103.html">http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000103.html</a>
Receiver parameter API	wmdietl	Provide nicer integration of receiver parameters: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000797.html">http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000797.html</a>
Method/Constructor distinction	EG	A proposed change needs to be decided: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000106.html">http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000106.html</a>
Interaction between Target and qualified names	wmdietl	Ensure recent discussion is implemented: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000113.html">http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000113.html</a>
JLS Creator production	EG, Mike	A production needs an update in the spec: <a href="http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000121.html">http://mail.openjdk.java.net/pipermail/type-annotations-spec-experts/2013-April/000121.html</a>
Review multi-catch implementation	Jon, Vicente	<a href="http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000829.html">http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000829.html</a> <a href="http://hg.openjdk.java.net/type-annotations/type-annotations/langtools/rev/b5b61f27d93b">http://hg.openjdk.java.net/type-annotations/type-annotations/langtools/rev/b5b61f27d93b</a>
Cleanup test cases	Joel, Steve	<a href="http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000893.html">http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000893.html</a> <a href="http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000867.html">http://mail.openjdk.java.net/pipermail/type-annotations-dev/2013-April/000867.html</a>  I looked into the test code for 8013965 and found it to be a duplicate of 8008762. I closed 8013065 as a duplicate.
Address remaining javadoc issues (type annos on type parameters)	Jon, Bhavesh	See @ignored test cases in javadoc type anno tests

wmdietl will also keep the Google Code issue tracker up-to-date:  
<https://code.google.com/p/jsr308-langtools/issues/list>

Aspects that should be tested more thoroughly by SQE:

- target information for type annotations in anonymous classes and lambdas
- bytecode offset for local variables, cast, instanceof, etc.
- receiver parameter types and names
- access to annotated types (expand test/tools/javac/processing/model/type/BasicAnnoTests.java)