

Scala 3 Reference / Dropped Features / Dropped: Scala 2 Macros



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Dropped: Scala 2 Macros

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The previous, experimental macro system has been dropped.

Instead, there is a cleaner, more restricted system based on two complementary concepts: inline and '{ ... } / \${ ... } code generation. '{ ... } delays the compilation of the code and produces an object containing the code, dually \${ ... } evaluates an expression which produces code and inserts it in the surrounding \${ ... } . In this setting, a definition marked as inlined containing a \${ ... } is a macro, the code inside the \${ ... } is executed at compile-time and produces code in the form of '{ ... } . Additionally, the contents of code can be inspected and created with a more complex reflection API as an extension of '{ ... } / \${ ... } framework.

- inline has been implemented in Scala 3.
- Quotes '{ ... } and splices \${ ... } has been implemented in Scala 3.
- TASTy reflect provides more complex tree based APIs to inspect or create quoted code.











