

GNAT Coding Style A Guide for GNAT Developers

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AdaCore

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1 General

Most of GNAT is written in Ada using a consistent style to ensure readability of the code. This document has been written to help maintain this consistent style, while having a large group of developers work on the compiler.

For the coding style in the C parts of the compiler and run time, see the GNU Coding Guidelines.

This document is structured after the Ada Reference Manual. Those familiar with that document should be able to quickly lookup style rules for particular constructs.

4 Expressions and Names

- * Every operator must be surrounded by spaces. An exception is that this rule does not apply to the exponentiation operator, for which there are no specific layout rules. The reason for this exception is that sometimes it makes clearer reading to leave out the spaces around exponentiation.

$E := A * B^{**2} + 3 * (C - D);$

- * Use parentheses where they clarify the intended association of operands with operators:

$(A / B) * C$

