Errata for the
OpenMP API Specification Version 6.0

Version 6.0 November 2025

1 Introduction

This document is an additional normative document that augments the OpenMP Application Interface Specification Version 6.0 and lists known corrections to the OpenMP Application Interface Specification.

The corrections to the specification are listed as differential editing remarks that need to be applied to the main specification document to obtain the corrected wording.

1.1 Normative References

The normative reference for this document is the OpenMP API Specification Version 6.0 document.

2 List of Errata

The following corrections are applied to the OpenMP API Specification Version 6.0:

- Section 7.5.9, page 237, line 26:
  The following restriction is added to the **has_device_addr** clause: "If a list item is an array section or an array element, the array base must be a base language identifier."

- Section 7.5.10, page 239, line 8:
  After "[...] is an array section", the text "or an array element" is inserted.

- Section 7.9.9, page 292, line 15:
  After "[...] by an implicit **map** clause with the specified *map-type*.", a new sentence "If *implicit-behavior* is **private**, the attribute is a data sharing attribute of private." is inserted.

- Section 8.4, page 310, line 13:
  The following restriction is added to the **allocator** clause: "The memory-allocator specified by *allocator* at the directive on which the **allocator** clause appears must be the same as the memory allocator specified by *allocator* at the declaration of the variables to be allocated."

- Section 10.5, page 355, line 18:
  The text "[...] must appear lexically [...]" is replaced with "[...] must not appear lexically [...]".

- Section 14.3, page 437, line 36:
  The following restriction is added to the **taskgraph** construct: "If a task generated by one construct in a **taskgraph** region is an antecedent task of a task generated by another construct in the region, either both constructs must be replayable constructs or both must be not replayable."

- Section 14.3.2, page 438, line 20:
  The *default* property is replaced with the *optional* property for the **graph_reset** clause.

- Section 14.6, page 440, line 21:
  The *default* property is replaced with the *unique* property for the **replayable** clause.

- Section 20.12.1, page 565, line 15:
  "**, omp_control_tool_max = INT32_MAX**" is added as the last enum value.

- Section 25.2.2, page 606, line 4:
  The sentence "If *ptr* is NULL, the routine returns zero." is replaced by the sentence "If *ptr* is NULL or the implementation cannot guarantee accessibility, the routine returns zero."

- Section 27.11, page 655, line 19:
  The word "constant" is removed from the restriction.