

## B.2 — Introduction to C++14

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### What is C++14?

On August 18, 2014, the **ISO (International Organization for Standardization)** approved a new version of C++, called C++14. Unlike C++11, which added a huge amount of new functionality, C++14 is a comparatively minor update, mainly featuring bug fixes and small improvements.

### New improvements in C++14

For your interest, here's a list of the major improvements that C++14 adds. Note that this list is not comprehensive, but rather intended to highlight some of the key improvements of interest.

- Aggregate member initialization ([4.7 -- Structs](#))
- Binary literals ([2.8 -- Literals](#))
- `[[deprecated]]` attribute (no tutorial yet)
- Digit separators ([2.8 -- Literals](#))
- Function return type deduction ([4.8 -- The auto keyword](#))
- Generic lambdas and lambda capture expressions (no tutorials yet)
- Relaxed constexpr functions (no tutorial yet)
- Variable templates (no tutorial yet)
- Standard user-defined literals (no tutorial yet)
- `std::make_unique` ([15.5 -- std::unique\\_ptr](#))



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Michael

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Thank you for this great site.

Finally I finished this tutorial after 6 months and I will visit it many more times in the future.

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