

Literals

Are explicit values in the program.

- C++ has many built-in literals for simple types.
 - `'U', u'U', 5, 5.5f, 5.5, 0x2a, R"(Raw String)"`
- C++11 allows to define literals.
 - `123.45_km, 33_cent, "Hallo"_i18n`
- C++14 support new literals.
 - `0b10, 5i, 5ms`

New built-in Literals

C++14 gets a few new built-in literals.

Type	Prefix/Suffix	Example
Binary number	0b	0b10
<code>std::string</code>	s	"HELLO"s
<code>complex<double></code>	i	5i
<code>complex<long double></code>	il	5il
<code>complex<float></code>	if	5if
<code>std::chrono::hours</code>	h	5h
<code>std::chrono::minutes</code>	min	5min
<code>std::chrono::seconds</code>	s	5s
<code>std::chrono::milliseconds</code>	ms	5ms
<code>std::chrono::microseconds</code>	us	5us
<code>std::chrono::nanoseconds</code>	ns	5ns

`built_inLiteral.cpp`