The C17 Standard

At the time of writing, the C17 standard, officially named `ISO/IEC 9899:2018`, is the last published C standard. It replaces the C11 standard, does not introduce new features, and fixes defects reported for C11. The `__STDC_VERSION__` macro for this standard has the value of `201710L`. To compile for a C17 standard, we include the `-stdc=17` flag. Example:

```
gcc -Wall source.c -std=c17 -pedantic
```

The C17 standard is sometimes also referred to as the *C18 standard*. The C17 standard will be replaced by the upcoming standard, informally referred to as the C2X (C23) standard.