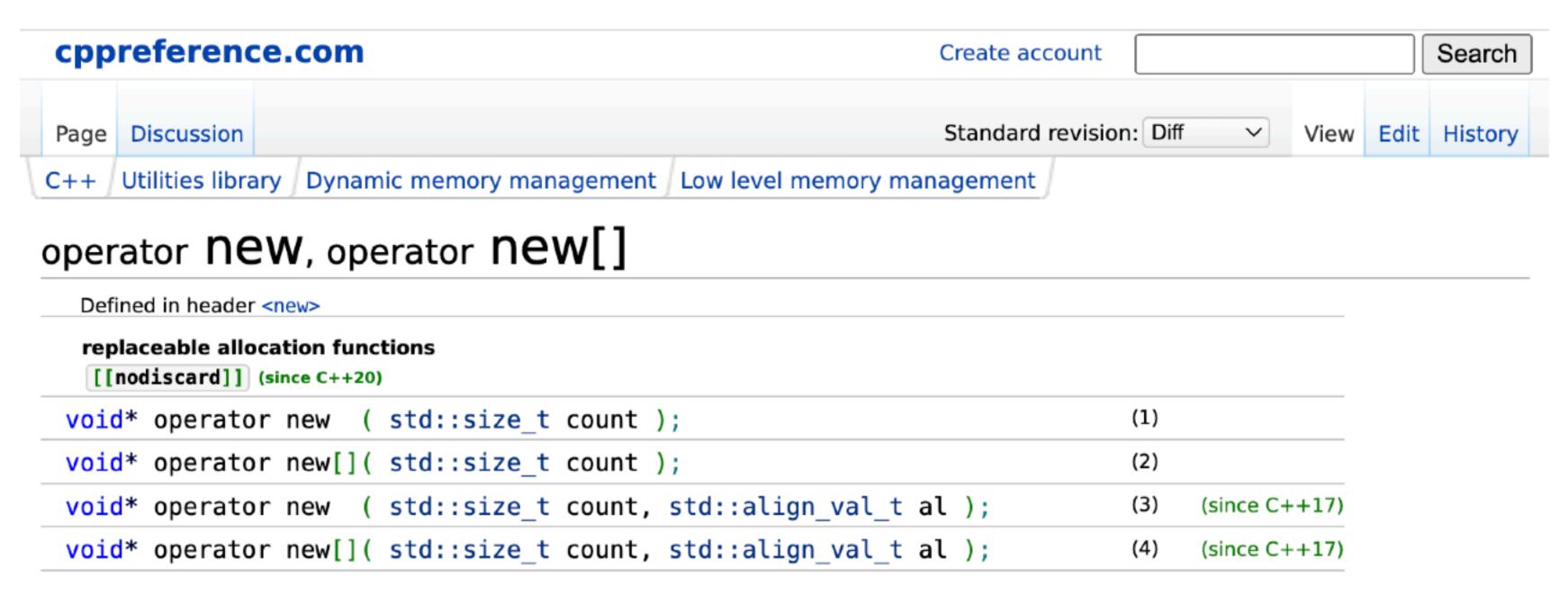
## operator new/delete



"The versions (1-4) are implicitly declared in each translation unit even if the <new> header is not included. Versions (1-8) are replaceable: a user-provided non-member function with the same signature defined anywhere in the program, in any source file, replaces the default version. Its declaration does not need to be visible."

```
void* operator new (std::size_t sz)
   std::cout << "new called\n";</pre>
   return std::malloc (sz);
void* operator new[] (std::size_t sz)
    std::cout << "new[] called\n";</pre>
    return std::malloc (sz);
void operator delete (void* ptr) noexcept
    std::cout << "delete called\n";</pre>
    std::free (ptr);
void operator delete[] (void* ptr) noexcept
    std::cout << "delete[] called\n";</pre>
    std::free (ptr);
```