

public static member function

<chrono>

```
static time_point now() noexcept;
```

Get current time

Returns the current `time_point` in the frame of the `high_resolution_clock`.

Parameters

none

Return value

The `time_point` representing the current time.

`time_point` is a member type, defined as an alias of `time_point<high_resolution_clock>`.

Example

```
1 // high_resolution_clock example
2 #include <iostream>
3 #include <ctime>
4 #include <ratio>
5 #include <chrono>
6
7 int main ()
8 {
9     using namespace std::chrono;
10
11     high_resolution_clock::time_point t1 = high_resolution_clock::now();
12
13     std::cout << "printing out 1000 stars...\n";
14     for (int i=0; i<1000; ++i) std::cout << "*";
15     std::cout << std::endl;
16
17     high_resolution_clock::time_point t2 = high_resolution_clock::now();
18
19     duration<double> time_span = duration_cast<duration<double>>(t2 - t1);
20
21     std::cout << "It took me " << time_span.count() << " seconds.";
22     std::cout << std::endl;
23
24     return 0;
25 }
```

Possible output:

[illegible]

See also

system_clock::now	Get current time (public static member function)
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