
Subject: Re: Coroutines package for U++
Posted by [Oblivion](#) on Sun, 06 Nov 2022 19:20:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

Trivial iterator support is added for CoGenerator type coroutines.

Example:

```
CONSOLE_APP_MAIN
{
  StdLogSetup(LOG_COUT|LOG_FILE);

  auto generator = []() -> CoGenerator<int> {
    for(int i = 0;; i++)
      co_yield i;
  };

  for(auto i : generator()) {
    RLOG(i);
    if(i == 100)
      break;
  }

  for(auto i : []() -> CoGenerator<int> { int i = 0; while(true) co_yield i++; }()) {
    RLOG(i);
    if(i == 100)
      break;
  }
}
```

8)

There are rough edges, but they'll be smoothed in the following days...

Best regards,
Oblivion
