

## MemoryCacheTestApp.exe TEST result

```
Microsoft.Extensions.Caching.MemoryCache & DropOutToken test. * by eMeL (www.emel.hu)

Elapsed milliseconds: 11
TEST_D2000      : Test data:60572433-36d7-4f5c-9e93-ad0fd082ff93 [TEST_D2000] ① ✓
TEST_D4000      : Test data:a848ad03-3bdd-4ad6-90ca-b721ffe7b84e [TEST_D4000] ① ✓
TEST_D4000_Token1: Test data:5871ed6b-95e3-42ea-b61b-1b4fa57d9304 [TEST_D4000_Token1]
TEST_D6000_Token1: Test data:5de80de4-ea04-4de5-a8ed-7f9e5ecfa031 [TEST_D6000_Token1]
TEST_D6000_Token2: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D8000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

Elapsed milliseconds: 1013
TEST_D2000      : Test data:60572433-36d7-4f5c-9e93-ad0fd082ff93 [TEST_D2000] ② ✓
TEST_D4000      : Test data:a848ad03-3bdd-4ad6-90ca-b721ffe7b84e [TEST_D4000] ② ✓
TEST_D4000_Token1: Test data:5871ed6b-95e3-42ea-b61b-1b4fa57d9304 [TEST_D4000_Token1]
TEST_D6000_Token1: Test data:5de80de4-ea04-4de5-a8ed-7f9e5ecfa031 [TEST_D6000_Token1]
TEST_D6000_Token2: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D8000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

Elapsed milliseconds: 2014
TEST_D2000      : [Test data:60572433-36d7-4f5c-9e93-ad0fd082ff93 [TEST_D2000] ③ ✗
TEST_D4000      : Test data:a848ad03-3bdd-4ad6-90ca-b721ffe7b84e [TEST_D4000] ③ ✗
TEST_D4000_Token1: Test data:5871ed6b-95e3-42ea-b61b-1b4fa57d9304 [TEST_D4000_Token1]
TEST_D6000_Token1: Test data:5de80de4-ea04-4de5-a8ed-7f9e5ecfa031 [TEST_D6000_Token1]
TEST_D6000_Token2: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D8000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

Elapsed milliseconds: 3016
TEST_D2000      : Test data:a848ad03-3bdd-4ad6-90ca-b721ffe7b84e [TEST_D4000] ④ ✓
TEST_D4000      : Test data:5871ed6b-95e3-42ea-b61b-1b4fa57d9304 [TEST_D4000_Token1]
TEST_D4000_Token1: Test data:5de80de4-ea04-4de5-a8ed-7f9e5ecfa031 [TEST_D6000_Token1]
TEST_D6000_Token1: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D6000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

Elapsed milliseconds: 4021
TEST_D2000      : Test data:a848ad03-3bdd-4ad6-90ca-b721ffe7b84e [TEST_D4000] ⑤ ✓
TEST_D4000      : Test data:5871ed6b-95e3-42ea-b61b-1b4fa57d9304 [TEST_D4000_Token1]
TEST_D4000_Token1: Test data:5de80de4-ea04-4de5-a8ed-7f9e5ecfa031 [TEST_D6000_Token1]
TEST_D6000_Token1: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D6000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

token1.DropOut()
```

① and ② is OK. Elapsed time < 2000 ms and smallest time is 2000 ms in TEST\_D2000.

③ Have a problem. Elapsed time > 2000 ms (than TEST\_D2000 lifetime is 2000 ms).

④ OK. Previous problem solved. *[It is not an error, it is a feature :)]*

⑤ OK. TEST\_D2000, TEST\_D4000, TEST\_D4000\_Token1 are dropped out, because elapsed time is more the 4000 ms.

```

token1.DropOut()

Elapsed milliseconds: 5034
TEST_D2000      :
TEST_D4000      :
TEST_D4000_Token1:
TEST_D6000_Token1:
TEST_D6000_Token2: Test data:41fbdaf1-21ea-47b0-ae1-9206390d706c [TEST_D6000_Token2]
TEST_D8000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

Elapsed milliseconds: 6052
TEST_D2000      :
TEST_D4000      :
TEST_D4000_Token1:
TEST_D6000_Token1:
TEST_D6000_Token2:
TEST_D8000_Token2: Test data:5fceb406-6c7a-4fd4-ad01-901278860524 [TEST_D8000_Token2]

token2.DropOut()

Elapsed milliseconds: 7065
TEST_D2000      :
TEST_D4000      :
TEST_D4000_Token1:
TEST_D6000_Token1:
TEST_D6000_Token2:
TEST_D8000_Token2:

Elapsed milliseconds: 8080
TEST_D2000      :
TEST_D4000      :
TEST_D4000_Token1:
TEST_D6000_Token1:
TEST_D6000_Token2:
TEST_D8000_Token2:

Elapsed milliseconds: 9098
TEST_D2000      :
TEST_D4000      :
TEST_D4000_Token1:
TEST_D6000_Token1:
TEST_D6000_Token2:
TEST_D8000_Token2:

Press Enter to exit...

```

6 OK. `token1.DropOut()` worked. Elapsed time only 5034 ms but TEST\_6000\_Token1 is dropped out though lifetime of TEST\_6000\_Token1 is 6000 ms.

7 OK. TEST\_6000\_Token2 is dropped out when elapsed time is 6052 ms.

8 OK. TEST\_8000\_Token2 is dropped out when elapsed time is 7065 ms but happened `token2.DropOut()`.

Test PASSED