

Public Support - Support Request #14644

Write a test with trigger_runner()

2021-06-29 05:30 - hidden

Status:	Closed	Product Issue Numbers: Affected Products: ADTF 3.12.5 Platform: Windows 10 64bit Topic: ADTF::TestingSDK FAQ Links: https://support.digitalwerk.net/projects/download-center/wiki/FAQ's#Q-How-to-use-a-trigger-runner-in-a-test
Priority:	Normal	
Category:		
Customer:	CARIAD	
Department:		
Requester's Priority:	Normal	
Support Level:	2nd Level	
Resolution:	Solved Issue	

Description

Supportanfrage

Gibt es ein Äquivalent zum cTestWriter aber für Time Triggering?

Oder was wäre eine zu empfehlende Vorgehensweise, um Time-getriggerte Filter zu probieren?

Lösung

Dafür kannst Du einfach trigger_runner() (https://support.digitalwerk.net/adtf/v3/adtf_html/namespaceadtf_1_1streaming_1_1testing_1_1hollow.html#a7ab7163c15d9d1f130fa4e5fcc3d0fa0) in deinem Test verwenden. Oder du verbindest einen echten Timer Runner mit deinem Filter. Für komplexerer Verschaltungen bietet sich cSessionTestSystem an, mit dem du eine ADTF Session laden und starten kannst.

Einen trigger_runner() kannst du wie folgt umsetzen:

```
class cTestFilter: public cFilter
{
    public:
        cTestFilter()
        {
            CreateRunner("do_something");
        }

        tResult Process(tNanoSeconds /*tmTrigger*/, IRunner* /*pRunner*/) override
        {
            LOG_INFO("triggered");
            RETURN_NOERROR;
        }
};

void test_function()
{
    cTestFilter oFilter;
    trigger_runner(oFilter, "do_something");
}
```

History

- #1 - 2021-06-29 06:02 - hidden
- Project changed from Public Support to 30
- Status changed from New to In Progress
- Customer set to CARIAD

- Topic set to ADTF::TestingSDK

#2 - 2021-06-29 06:24 - hidden

Hallo Gustavo,

dafür kannst Du einfach trigger_runner() (https://support.digitalwerk.net/adtf/v3/adtf_html/namespaceadtf_1_1streaming_1_1testing_1_1hollow.html#a7ab7163c15d9d1f130fa4e5fcc3d0fa0) in deinem Test verwenden. Oder du verbindest einen echten Timer Runner mit deinem Filter. Für komplexerer Verschaltungen bietet sich cSessionTestSystem an, mit dem du eine ADTF Session laden und starten kannst.

Grüße,

Martin

#3 - 2021-06-29 06:45 - hidden

- Status changed from In Progress to Customer Feedback Required

#4 - 2021-07-02 06:54 - hidden

Hallo Martin,

vielen Dank für deine Antwort.
Hättest du ein Beispiel von der Umsetzung vom trigger_runner() ?

Grüße,
Gustavo

#5 - 2021-07-02 10:14 - hidden

Hi Gustavo,

hilft Dir das?:

```
class cTestFilter: public cFilter
{
    public:
        cTestFilter()
        {
            CreateRunner("do_something");
        }

        tResult Process(tNanoSeconds /*tmTrigger*/, IRunner* /*pRunner*/) override
        {
            LOG_INFO("triggered");
            RETURN_NOERROR;
        }
};

void test_function()
{
    cTestFilter oFilter;
    trigger_runner(oFilter, "do_something");
}
```

Grüße,

Martin

#6 - 2021-07-05 07:17 - hidden

- Description updated

#7 - 2021-07-05 11:02 - hidden

^Hallo Martin,

ja, es hat geholfen. Danke dir.
Das Ticket kann geschlossen werden.
Viele Grüße,
Gustavo

#8 - 2021-07-05 11:12 - hidden

- Status changed from Customer Feedback Required to In Progress
- Resolution set to Solved Issue

#10 - 2021-07-05 12:11 - hidden

- FAQ Links set to <https://support.digitalwerk.net/projects/download-center/wiki/FAQ's/edit#Q-How-can-I-generate-time-triggered-filter>
- Affected Products ADTF 3.12.5 added
- Platform Windows 10 64bit added

#11 - 2021-07-05 12:11 - hidden

- Status changed from In Progress to To Be Closed

#12 - 2021-07-05 12:21 - hidden

- Project changed from 30 to Public Support
- Subject changed from ADTF3 - Testing - cTestWriter but for time triggering to Write a test with trigger_runner()
- Description updated
- Private changed from Yes to No

#13 - 2021-07-05 12:34 - hidden

- FAQ Links changed from <https://support.digitalwerk.net/projects/download-center/wiki/FAQ's/edit#Q-How-can-I-generate-time-triggered-filter> to <https://support.digitalwerk.net/projects/download-center/wiki/FAQ's/#Q-How-to-generate-time-triggerd-filter>

#14 - 2021-07-05 13:04 - hidden

- FAQ Links changed from <https://support.digitalwerk.net/projects/download-center/wiki/FAQ's/#Q-How-to-generate-time-triggerd-filter> to <https://support.digitalwerk.net/projects/download-center/wiki/FAQ's/#Q-How-to-use-a-trigger-runner-in-a-test>

#15 - 2022-01-17 08:17 - hidden

- Status changed from To Be Closed to Closed