



GRABBER

MACRO

CAM

MONITOR

:

```
OnEvent("GRABBER", "_id_", "__")
```

:

```
DoReact("GRABBER", "_id_", "__" [, "__"]);
```

:

```
OnEvent("CAM", "_id_", "__")
```

:

```
DoReact("CAM", "_id_", "__" [, "__"]);
```

:

```
CheckState("CAM", "", "")
```

:

```
OnEvent("MONITOR", "_id_", "__")
```

:

```
DoReact("MONITOR", "_id_", "__" [, "__"]);
```

:

1. , , PAL .

```
OnEvent("MACRO","1","RUN") // 1
{
    DoReact("GRABBER","1","SETUP","chan<1>,mode<0>,resolution<1>,format<PAL>");
    // - 1, - , - , - PAL
}
```

2. D:\ F:\ .

```
OnEvent("MACRO","3","RUN") // 3
{
    DoReact("GRABBER","1","SET_DRIVES","drives<D:\,F:\>"); // D:\ F:\
}
```

3. .

```
OnEvent("GRABBER","2","UPS_FATAL_ERROR") // 2
{
    DoReact("CAM","1","MUX1"); // 1 1-
    Wait(5);
    DoReact("GRABBER","1","MUX1_OFF"); // 1-
    DoReact("GRABBER","2","MUX1_OFF"); // 1-
}
```



, 1,, 2, «DoReact("CAM","1","MUX1");» «DoReact("GRABBER","2","MUX1\_OFF");», , «DoReact("CAM","2","MUX1");» «DoReact("GRABBER","1","MUX1\_OFF");».

4. .

```
OnEvent("GRABBER","1","UPS_ONLINE") //
{
    DoReact("GRABBER","1","MUX2_OFF"); // 2
}
```

:

1. .

```
OnEvent("CAM", "1", "ARM") //
{
    DoReact("CAM", "1", "SETUP", "color<1>"); //
    DoReact("CAM", "1", "REC"); //
}
```

2. .

```
OnEvent("CAM", "5", "DETACH") //
{
    DoReact("CAM", "1", "ARM"); //
}
```

3. (, 4, 6/, - 2-2,5 /.), .

```
OnEvent("CAM", "1", "MD_START") //
{
    DoReact("CAM", "1", "SETUP", "rec_priority<2>"); //
}
```

4. .

```
OnEvent("CAM", "1", "REC") //
{
    DoReact("CAM", "1", "SETUP", "compression<5>, audio_type<OLXA_LINE>, audio_id<4>"); // , ,
}
```

5. -, .

```
OnEvent("CAM", "1", "MD_STOP") //
{
    value = 5;
    DoReact("CAM", "1", "SETUP", "compression<" + value + ">,olor<0>");
    // /
}
```

6. «», .

```
OnEvent("CAM","1","DISARM") //
{
    DoReact("CAM","1","REC","rollback<1>"); //      «»
}
```

7. .

```
OnEvent("CAM","1","ATTACH") //
{
    VIDEO_CANAL_ID = GETOBJECTPARAM("CAM","1","PARENT_ID"); // ,
    DoReact("GRABBER",VIDEO_CANAL_ID,"SETUP","chan<0>,mode<0>,resolution<1>,format<pal>"); //
}
```

8. 2 1.

```
OnEvent ("MACRO","2","RUN")
{
    DoReact("CAM","1","CRUISE_START","cruise_id<1>,action<CRUISE_START>,cam_id<1>");
}
```

9. (num). ( ).

(),.. ( «N»). ( ) ( "Y"). , «N»( ) «Y»(). , . 1. 2.

```

OnInit()
{
    run=0;
}

OnEvent("MACRO", "1", "RUN")
{
    run=1; flag=""; num=8;
    for(i=1; i<str(num+1); i=str(i+1))
    {
        DoReact("CAM", i, "DISARM");
        DoReact("CAM", i, "REC_STOP");
        DoReact("CAM", i, "ARM");
        flag=flag+"N";
        if(i<num) {flag=flag+"|";}
    }
}

OnEvent("CAM", N, "MD_START")
{
    if(run)
    {
        nn=str((N*2)-1);
        flag=strleft(flag, str(nn-1))+"Y"+strright(flag, str(((num*2)-1)-nn));
    }
}

OnEvent("MACRO", "2", "RUN")
{
    run=0; fin=0;
    for(i=1; i<str(num+1); i=str(i+1))
    {
        tmp=extract_substr(flag, "|", str(i-1));
        if(strequal(tmp, "Y")) {fin=str(fin+1);}
        DoReact("CAM", i, "DISARM");
    }
    tmp=":"+str(num)+" :"+str(fin);
    rez=MessageBox("", tmp, 0);
}

```

```

OnEvent("CAM", "1", "MD_START")
{
    DoReact("CAM", "1", "CLEAR_SUBTITLES", "title_id<1>"); //
    DoReact("CAM", "1", "ADD_SUBTITLES", "command< 1 " + time + "\r>,page<BEGIN>,title_id<1>");
    // time
}

OnEvent("CAM", "1", "MD_STOP")
{
    DoReact("CAM", "1", "ADD_SUBTITLES", "command< 1 " + time + "\r>,page<END>,title_id<1>");
}

```



page<BEGIN> page<END> , .

:

1. 1 4 .

```

OnEvent("MACRO", "1", "RUN")
{
    DoReact("MONITOR", "4", "ARCH_FRAME_TIME", "cam<1>,date<"+date+">,time<11:00:00>");
    DoReact("MONITOR", "4", "KEY_PRESSED", "key<PLAY>");
}

```

2. 4, 10 , .

```

OnEvent("CAM", "1", "PRINT")
{
    DoReact("MONITOR", "4", "ARCH_FRAME_TIME", "cam<1>,date<"+date+">,time <11:00:00>");
    for(i=0;i<10;i=i+1)
    {
        DoReact ("MONITOR", "4", "KEY_PRESSED", "key<FF>");
    }
}

```

3. , , .

```

OnEvent ( "CAM", "1", "MD_START" )
{
    DoReact ( "MONITOR", "1", "KEY_PRESSED", "key<ZOOM_IN>" );
}

OnEvent ( "CAM", "1", "MD_STOP" );
{
    DoReact ( "MONITOR", "1", "KEY_PRESSED", "key<ZOOM_OUT>" );
}

```

4. 1 .

```

OnEvent ( "MACRO", "1", "RUN" )
{
    DoReact ( "MONITOR", "1", "KEY_PRESSED", "key<SELECT_LAYOUT>,number<1>" );
}

```

5. 1 1, 24-10-14 17:10:38 24-10-14 17:10:50, c:\aaa.avi.  
: IIDK ( 900 1030) .
- IIDK ( 900)**  
MONITOR|1|START\_AVI\_EXPORT|start<24-10-14 17:10:38>,finish<24-10-14 17:10:50>,avi\_path<c:\aaa.avi>,cam<1>
  - IIDK ( 1030)**  
CORE|DO\_REACT|source\_type<MONITOR>,source\_id<1>,action<START\_AVI\_EXPORT>,params<4>,param0\_name<avi\_path>,  
param0\_val<c:\aaa.avi>,param1\_name<cam>,param1\_val<1>,param2\_name<finish>,param2\_val<24-10-14 17:10:50>,  
param3\_name<start>,param3\_val<24-10-14 17:10:38>
  - ( 1)

```

OnEvent ( "MACRO", "1", "RUN" )
{
    DoReact ( "CORE", "", "DO_REACT", "source_type<MONITOR>,source_id<1>,action<START_AVI_EXPORT>,params<4>,  
param0_name<avi_path>,param0_val<c:\aaa.avi>,param1_name<cam>,param1_val<1>,param2_name<finish>,  
param2_val<24-10-14 17:10:50>,param3_name<start>,param3_val<24-10-14 17:10:38>" );
}

```

6. 1 4, 10, 2.

```

OnEvent ( "MACRO", "1", "RUN" )
{
    DoReact ( "MONITOR", "10", "CONTROL_TELEMETRY", "cam<4>,on<1>" );
}

OnEvent ( "MACRO", "2", "RUN" )
{
    DoReact ( "MONITOR", "10", "CONTROL_TELEMETRY", "cam<4>,on<0>" );
}

```

7. .

```
OnEvent ( "MONITOR", "1", "ACTIVATE_CAM" )
{
    DoReact ( "CAM", cam, "MUX1" );
}
```

8. .

```
OnEvent ( "CAM", N, "MD_START" )
{
    DoReact ( "MONITOR", "1", "ACTIVATE_CAM", "cam<"+N+">" );
    DoReact ( "MONITOR", "1", "KEY_PRESSED", "key<SCREEN.1>" );
}
```

9. , .

```
OnInit()
{
    counter=0;
}

OnEvent( "CAM", T, "MD_START" )
{
    if(strequal(counter, "0"))
    {
        DoReact( "MONITOR", "2", "REMOVE_ALL" );
        DoReact( "MONITOR", "2", "ADD_SHOW", "cam<"+T+">" );
    }
    counter=str(counter+1);
}

OnEvent( "CAM", M, "MD_STOP" )
{
    counter=str(counter-1);
    if(strequal(counter, "0"))
    {
        DoReact( "MONITOR", "2", "ADD_SHOW", "cam<"+M+">" );
    }
}
```