InterSystems???????????????? – ???1

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[Tomohiro Iwamoto](#) · 2020?6?3?

12m read

InterSystems???????????????? – ???1

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?????????Caché??

????????Caché???^pButtons?????????

?????????pButtons?????????????????????????

https://community.intersystems.com/post/intersystems-data-platforms-and-performance-%E2%80%93-how-update-pbuttons

???????????????????- ^pButtons

Caché pButtons??????????????????????????????HTML????????????????????? pButtons??????????????????????????????
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pButtons ?html???????????????????????????

- Caché ???????????????????
- mgstat?Caché???????????? - ???????1??????????
- Unix?vmstat?iostat???????????????????????????????????????
- Windows????????????Windows??????????????????????????
- ?????????????

pButtons ???pButtons??????????????????????????

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???pButton?24?????0?????0????????????????????????
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??pButtons????????

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- ???
- ?????????????????????????????????pButtons??Windows??
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- ?????????????????

??????????????????????pButtons??1??????????????

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http://docs.intersystems.com

pButtons?HTML?????????CVS???
? ?????????????????????????

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pButtons???24????????????????????

^pButtons?? ??24????????????????????????????????????

1. pButtons???????????????Caché??????????%SYS????????????pButtons????1???????

```
%SYS>d ^pButtons
Current log directory: /db/backup/benchout/pButtonsOut/
Available profiles:
     1  12hours      - 12 hour run sampling every 10 seconds
     2  24hours      - 24 hour run sampling every 10 seconds
     3  30mins       - 30 minute run sampling every 1 second
     4  4hours       - 4 hour run sampling every 5 seconds
     5  8hours       - 8 hour run sampling every 10 seconds
     6  test         - A 5 minute TEST run sampling every 30 seconds
```

????????6??????????????????? 30????????????5??????????? ?????????????????"test"???????????????????

?????Collect^pButtons??????(?????????)?runid????????????? ???????20160303_1851_test????

```
%SYS>d Collect^pButtons
Current Performance runs:
    20160303_1851_test        ready in 6 minutes 48 seconds nothing available to coll
ect at the moment.
%SYS>
```

??5????????????6?48??????????????? ???????html?????????????????pButtons????????2??????????????

2.?????pButtons????????????????????????????????? <cache install path>/mgr ???????? UNIX?????????????????
???????????

```
do setlogdir^pButtons("/somewhere_with_lots_of_space/perflogs/")
```

Caché???

3.?????????????30???????24??????????????

```
write $$addprofile^pButtons("My_24hours_30sec","24 hours 30 sec interval",30,2880)
```

pButtons?????????????????????????????

```
%SYS>d ^pButtons
Current log directory: /db/backup/benchout/pButtonsOut/
Available profiles:
     1  12hours      - 12 hour run sampling every 10 seconds
     2  24hours      - 24 hour run sampling every 10 seconds
     3  30mins       - 30 minute run sampling every 1 second
     4  4hours       - 4 hour run sampling every 5 seconds
     5  8hours       - 8 hour run sampling every 10 seconds
     6  My_24hours_30sec- 24 hours 30 sec interval
     7  test         - A 5 minute TEST run sampling every 30 seconds

select profile number to run:
```

?????????????????????????30??????? pButtons???24????????????
??5??…",5,17280???????????????????? ??
5????1???…",5,720??????????????????????????????????????
pButtons?????????????24???pButtons????5??????pButtons?????????????

4.?????UNIX????????disk??????????????
?iostat?? ????????????????????????????????

```
%SYS>zw ^pButtons("cmds","disk")
^pButtons("cmds","disk")=2
^pButtons("cmds","disk",1)=$lb("iostat","iostat ","interval"," ","count"," > ")
^pButtons("cmds","disk",2)=$lb("sar -d","sar -d ","interval"," ","count"," > ")
```

??????????????????????????????UNIX???????????????? ???????????????? ???????????????

```
LINUX:     set $li(^pButtons("cmds","disk",1),2)="iostat -xt "
AIX:       set $li(^pButtons("cmds","disk",1),2)="iostat -sadD "
VxFS:      set ^pButtons("cmds","disk",3)=$lb("vxstat","vxstat -g DISKGROUP -i ","int
erval"," -c ","count"," > ")
```

iostat?????sar??????????????????pButton html??????????? ????????????????????????iostat???????????
?????1???????????????????????

```
set ^pButtons("cmds","disk")=1
```

pButtons??????????????????????????????????

5.?Management Portal > System Operation > Task Manager??pButtons????????????????????????

```
Namespace: %SYS
```

```
Task Type: RunLegacyTask
ExecuteCode: Do run^pButtons("My_24hours_30sec")
Task Priority: Normal
User: superuser
How often: Once daily at 00:00:01
```

pButtons??????

InterSystems???????????????????????pButtons??????????????? ??????????html????????????%SYS?????????
??????????????pButtons html?????????????

```
do Collect^pButtons
```

html???????2?????logdir????????????????????????????? ??????????????????? <Caché install dir/mgr>
??????

?????? <hostname_instance_Name_date_time_profileName.html> ????????vsan-tc-
db1_H2015_20160218_0255_test.html??

Windows????????????????

?????????????Windows????Windows???????????(perfmon)??????????????????????????????????
pButtons???Caché?????????????Windows???????????????????????? ?????????????????????????????????
?pButtons??

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http://docs.intersystems.com

#?????? #??????? #Caché #InterSystems IRIS #InterSystems IRIS for Health
```
 00  1  0  0  83
```

 ????

- InterSystems?????????????????? – ???1
- InterSystems?????????????????? – ???2
- InterSystems?????????????????? –???3: CPU???

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???????

???URL: https://jp.community.intersystems.com/post/intersystems%E3%83%87%E3%83%BC%E3%82%BF%E3
%83%97%E3%83%A9%E3%83%83%E3%83%88%E3%83%95%E3%82%A9%E3%83%BC%E3%83%A0%E3%8
1%A8%E3%83%91%E3%83%95%E3%82%A9%E3%83%BC%E3%83%9E%E3%83%B3%E3%82%B9%C2%A0
%E2%80%93%C2%A0%E3%83%91%E3%83%BC%E3%83%881%C2%A0