記事
Tomoko Furuzono · 2020年9月17日 17m read

SQLｸｴﾘﾊﾟﾌｫｰﾏﾝｽの監視

Caché 2017???SQL?????????????????????? ????????????????????????????????

???????SQL??
???????????

??SQL???????????????????????????

??????????????????????????????????
https://docs.intersystems.com/iris20201/csp/docbook/DocBook.UI.Page.cls?KEY=GSQLOPT_sqlstmts

????

SQL?????????????????????????????? ????????????????????????????
???
???

??1????????????????????????SQL????????????????
??????? ???

???InterSystems IRIS 2019?????**%Studio.Project:Deploy**
???????????**?????????????**???????SQL???????????????? ???????????????????????????????????
???

???????

?????????????????????? [SQL] ????????[SQL???????] ??????????????
???

????????SQL????????????????????? ????INFORMATION_SCHEMA?????????????????
???SQL????????????

?????????????

????????????????????????????????? ???
????SQL???????SQL????????????????????????????????????? ?
※IRIS2020.1
以降では、埋め込みSQLも動的ｸｴﾘと同様に、ｸｴﾘが再ｺﾝﾊﾟｲﾙされるたびにﾃﾞｰﾀが削除されます。

?????????1??

?????????

??
??

????????????????????????????????? ???????3?????????????????

- ????????????????
- DRL.MonitorSQL??INFORMATION_SCHEMA????????????????????????????
- 3?????????DRL.MonitorSQLText?????????????????????1??

??????????

????????????????????????0????????????????????????
???????????????????????????????? ??120????????????????????
Do ##class(DRL.MonitorSQL).Capture($h-120,$h-1)

??????????????Date?SQL????????????????????????^rIndex????????????????????
??

????????????????????????

??
SELECT top 20
S.RunDate,S.RoutineName,S.TotalHits,S.SumpTIme,S.Hash,t.QueryText
from DRL.MonitorSQL S
left join DRL.MonitorSQLText T on S.Hash=T.Hash
where RunDate='08/25/2019'
order by SumpTime desc

??
SELECT S.RunDate,S.RoutineName,S.TotalHits,S.SumpTIme,S.Hash,t.QueryText
from DRL.MonitorSQL S
left join DRL.MonitorSQLText T on S.Hash=T.Hash
where S.Hash='CgOlfRw7pGL4tYbiijYznQ84kmQ='
order by RunDate?????

??
1?????????????6????????1????14,000????????????????24?????????????
??????1??????1????????????????????? ?????????1??????2????????1?????????????????????

RunDate	RoutineName	Total Hits	Total Time	Hash	Query
03/16/2019		14,576	85,094	5xDSguu4PvK04se2pPiOexeh6aE=	DECLARE C CURS SELECT * INTO :% :%col(3) , :%col(4)
03/16/2019		15,552	3,326	rCQX+CKPwFR9zOplmtMhxVnQxyw=	DECLARE C CURS SELECT * INTO :% :%col(3) , :%col(4)
03/16/2019		16,892	597	yW3catzQzC0KE9euvIJ + o4mDwKc =	DECLARE C CURS SELECT * INTO :% :%col(3) , :%col(4) :%col(6) , :%col(7)
03/16/2019		16,664	436	giShyiqNR3K6pZEt7RWAcen55rs=	DECLARE C CURS SELECT * , TKGRO :%col(1) , :%col(2)
03/16/2019		74,550	342	4ZClMPqMfyje4m9Wed0NJzxz9qw=	DECLARE C CURS SELECT …

?1?????????????

INFORMATION_SCHEMA?????????

??? ????????
?????SQL?????????????????????"Statements.Hash = OtherTable.Statement" ?????????????

????????????????????1???
```
SELECT DS.Day,Loc.Location,DS.StatCount,DS.StatTotal,S.Statement,S.Hash
FROM INFORMATION_SCHEMA.STATEMENT_DAILY_STATS DS
left join INFORMATION_SCHEMA.STATEMENTS  S
on S.Hash=DS.Statement
left join INFORMATION_SCHEMA.STATEMENT_LOCATIONS  Loc
on S.Hash=Loc.Statement
where Day='08/26/2019'
order by DS.stattotal desc
```

????????????????????????????????????SQL???

??
```
SELECT DS.Day,Loc.Location,DS.StatCount,DS.StatTotal,S.Statement,S.Hash
FROM INFORMATION_SCHEMA.STATEMENT_DAILY_STATS DS
left join INFORMATION_SCHEMA.STATEMENTS  S
on S.Hash=DS.Statement
left join INFORMATION_SCHEMA.STATEMENT_LOCATIONS  Loc
on S.Hash=Loc.Statement
where S.Hash='jDqCKaksff/4up7Ob0UXlkT2xKY='
order by DS.Day
```

日次統計を週出するためのｺｰﾄﾞｻﾝﾌﾟﾙ

#SQL #ﾊﾟﾌｫｰﾏﾝｽ #監視 #Caché #InterSystems IRIS

ｿｰｽURL: https://jp.community.intersystems.com/post/sql%E3%82%AF%E3%82%A8%E3%83%AA%E3%83%91%E3%83%95%E3%82%A9%E3%83%BC%E3%83%9E%E3%83%B3%E3%82%B9%E3%81%AE%E7%9B%A3%E8%A6%96