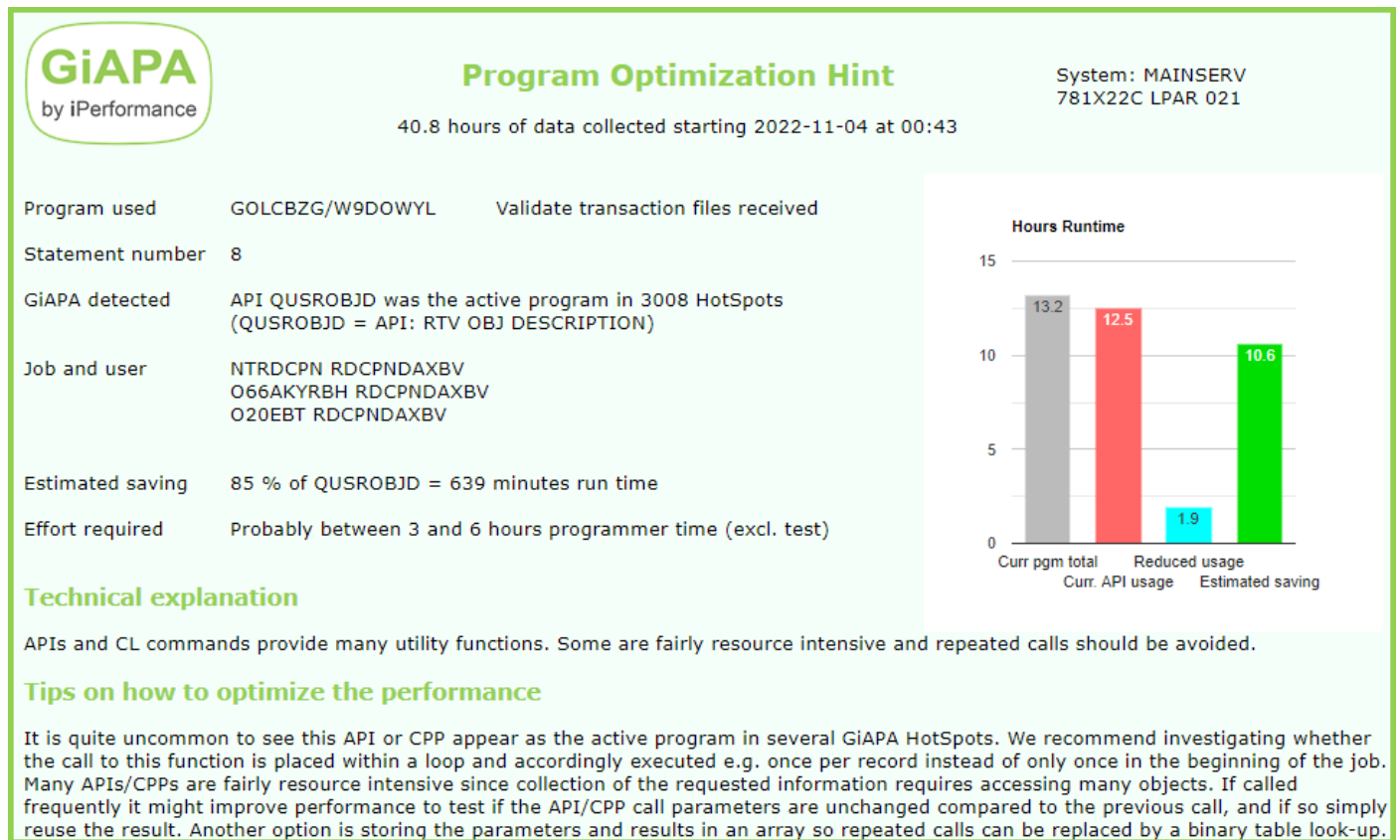
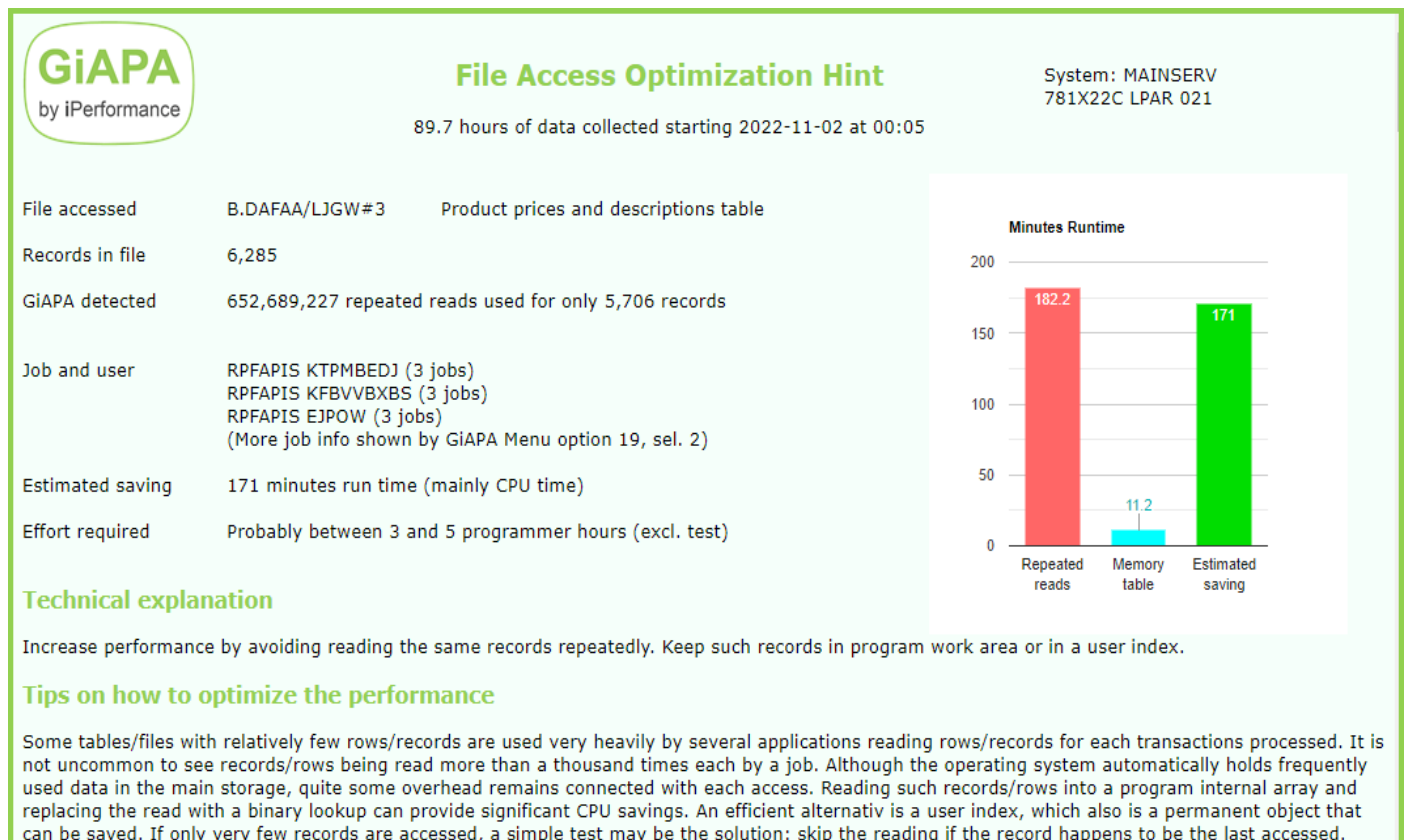


Output Examples Generated by GiAPA

Automatically Generated Program Optimization Hint



Analyzing File Accesses Across All Jobs Reveals Significant Savings



Data collection uses < 0.1% CPU. I/Os and disc space minimized by compressing data 92%

SQL Plan Cache data for jobs selected by user is automatically collected and pre-analyzed

GiAPA (c) by iPerformance Plan Cache Snapshots of SQL Access Plan Data 24-03-22 09:54:58

Selections specified: Job: TSTJOIN* Start date/time: 24-03-21 00:00
User: *ALL End date/time: 99-12-31 23:59

Job Name	User Name	JobNbr	Run Date	QRO(Hex)	Nbr of SQL stmts	SQL-Statement Library/SourceFile(Member)
TSTJOIN01	KAARE	126523	2024-03-21	A8D77AD7	2	SQL-stmt(s) from GIAPA_SQL/QRPGLESRC(TSTSQJ01R)

213 bytes total length
42 bytes: FETCH CURSOR1 INTO : H , : H , : H , : H

171 bytes: DECLARE CURSOR1 CURSOR FOR SELECT LNNAME , CSJNAM , CSJSTA , CSTSTA FROM GIAPALIB . GIAPA143P5 , GIAPALIB . GIAPA143P2
WHERE GIAPA143P5 . LNRRN = GIAPA143P2 . CSACTPCKEY

Dumps available, last 3 are shown

Text explaining Plan Cache "Access Plan Reason Code"

11 Dumps 2024-03-21 03:01 GIAPA_SQL/QZG0001464 2024-03-21 02:51 GIAPA_SQL/QZG0001463 2024-03-21 02:41 GIAPA_SQL/QZG0001462

PlanNbr 274 Table or member recreated.

2 Table Scan 1 AcPlan Rebuilt 1 Optim.Timeout 1 Generic Info 1 Tmp.HashTabCrt

Number and names of Plan Cache records, indicating the Optimizer's "considerations" for selecting the access plan

Alternative Access Plan(s) recorded for this QRO

2 Dumps 2024-03-21 01:09 GIAPA_SQL/QZG0001453 2024-03-21 00:28 GIAPA_SQL/QZG0001449

PlanNbr 1806 Access plan was built to use a reusable Open Data Path (ODP) and optimizer chose a non-reusable ODP for this call

1 Index Used 3 Index Created 2 Temp. Table 1 Table Locked 1 AcPlan Rebuilt 1 Array HostVar 1 Generic Info

3 Distin.Process 2 Grouping 1 Recurs.TabExpr

1 Dumps 2024-03-21 00:18 GIAPA_SQL/QZG0001448

PlanNbr 32551 None of the 25 defined specific reasons for choice of access method apply in this case.

2 Table Scan 1 AcPlan Rebuilt 1 Optim.Timeout 1 Generic Info 1 Tmp.HashTabCrt

Please observe that the results shown here only are random examples of texts that may appear.

Enter=Go to top F2=Cmd Line F3=Exit F6=Show Current Users PageUp/PageDown

✔ Shows location of snapshots needed for analysis using IBM's SQL Performance Center

GiAPA (c) by iPerformance Current User Names for Job QZDASOINIT QUSER 625018 24-01-05 11:50:38

Date and Time	Current User	Date and Time	Current User	Date and Time	Current User	Date and Time	Current User
23-11-28 12:52:10	CASASALEX	23-11-28 12:48:30	DCCADMIN	23-11-28 12:44:49	CASASALEX	23-11-28 12:41:08	CASASALEX
23-11-28 12:52:00	ALSLOGJDBC	23-11-28 12:48:20	DCCADMIN	23-11-28 12:44:39	DCCADMIN	23-11-28 12:40:58	CASASALEX
23-11-28 12:51:50	CASASALEX	23-11-28 12:48:10	CASASALEX	23-11-28 12:44:29	CASASALEX	23-11-28 12:40:48	ROBOKADM
23-11-28 12:51:40	DCCADMIN	23-11-28 12:48:00	ROBOKADM	23-11-28 12:44:19	CASASALEX	23-11-28 12:40:38	CASASALEX
23-11-28 12:51:30	DCCADMIN	23-11-28 12:47:49	CASASALEX	23-11-28 12:44:09	ALSLOGJDBC	23-11-28 12:40:28	APMPADMMDM
23-11-28 12:51:20	CASASALEX	23-11-28 12:47:39	ALSLOGJDBC	23-11-28 12:43:59	ALSLOGJDBC	23-11-28 12:40:18	CASASALEX
23-11-28 12:51:10	CASASALEX	23-11-28 12:47:29	ALSLOGJDBC	23-11-28 12:43:49	ALSLOGJDBC	23-11-28 12:40:08	ALSLOGJDBC
23-11-28 12:49:30	CASASALEX	23-11-28 12:45:49	CASASALEX	23-11-28 12:42:09	CASASALEX	23-11-28 12:38:28	DCCADMIN
23-11-28 12:49:20	ALSLOGJDBC	23-11-28 12:45:39	APMPADMMDM	23-11-28 12:41:59	DCCADMIN	23-11-28 12:38:18	DCCADMIN
23-11-28 12:49:10	ALSLOGJDBC	23-11-28 12:45:29	CASASALEX	23-11-28 12:41:48	DCCADMIN	23-11-28 12:38:08	DCCADMIN
23-11-28 12:49:00	CASASALEX	23-11-28 12:45:19	ALSLOGJDBC	23-11-28 12:41:38	DCCADMIN	23-11-28 12:37:58	CASASALEX
23-11-28 12:48:50	DCCADMIN	23-11-28 12:45:09	ALSLOGJDBC	23-11-28 12:41:28	DCCADMIN	23-11-28 12:37:48	CASASALEX
23-11-28 12:48:40	DCCADMIN	23-11-28 12:44:59	ROBOKADM	23-11-28 12:41:18	DCCADMIN	23-11-28 12:37:38	CASASALEX

Enter=Go to top F2=Cmd Line F3=Return PageUp/PageDown

✔ Current user names are valuable information when analyzing data base host server jobs

GiAPA has much more to offer - please visit our five-minute video, technical presentation, references, and examples at www.giapa.com.

Standard or user defined graphs can be generated and emailed in night batch jobs

