User Interface - Feature #2373

implemented output to redirected, paged terminal via (un)named streams in GUI mode

08/11/2014 02:53 PM - Constantin Asofiei

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
billable:	No	**version:**	
vendor_id:	GCD		

Description

Related issues:			
Related to User Interface - Feature #2252: implement GUI client support	**Closed**	**03/24/2014**	
Related to User Interface - Feature #1801: add some frame options	**Closed**	**02/22/2013**	**08/16/2013**
Related to User Interface - Feature #2368: allow widget output to stream in G...	**WIP**		
Related to User Interface - Feature #6438: frame attributes, methods and options	**Closed**		

History

#1 - 08/11/2014 02:55 PM - Constantin Asofiei

- Subject changed from implemented output to redirected, paged terminal via (un)named streams to implemented output to redirected, paged terminal via (un)named streams in GUI mode

Starting from the case in [#2252-141](#), implement output to stream when the stream is paged/page-size is set and it targets the terminal:

```
DEF VAR i AS INT.

DISPLAY i WITH FRAME f1.
PAUSE.

DEF STREAM rpt.
OUTPUT STREAM rpt TO TERMINAL PAGED.
DO i = 1 TO 2:
   DISPLAY STREAM rpt i.
   DOWN STREAM rpt 1.
END.
DISPLAY i WITH FRAME f1. /* this shows warning that terminal output can't be mixed with paged/non-paged*/
OUTPUT STREAM rpt CLOSE.

MESSAGE string(FRAME f1:VISIBLE).
```

See how the terminal switches to a white background instead of gray. More, the underlying frame is hidden and it looks like it doesn't allow direct access to the terminal.

#2 - 10/14/2015 02:03 PM - Greg Shah

In [#1801](#), we implemented conversion support for STREAM-IO. The runtime support needs to be implemented in this task.

#3 - 03/23/2016 04:44 PM - Greg Shah

- Target version deleted (Milestone 12)

#4 - 09/09/2019 04:35 PM - Greg Shah

In the 4GL, the STREAM-IO option can be specified at COMPILE for a program. This means that the frames default to STREAM-IO mode. We have a customer application that uses this for some of their files. We could add a hint to mark files as "compiled with STREAM-IO on".

#5 - 08/21/2023 12:02 PM - Greg Shah

- Related to Feature #6438: frame attributes, methods and options added