

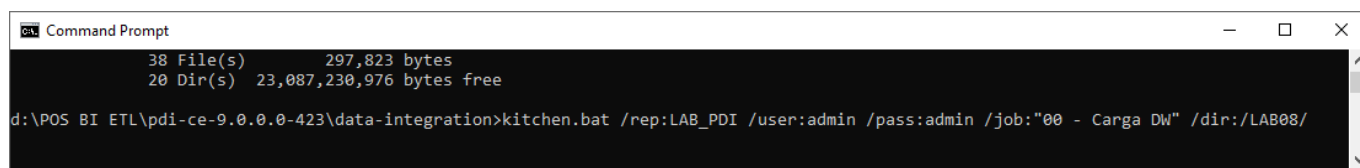
## Exercício 01 – Execução do Job por Linha de Comando

**1.1** Para executar o JOB em linha de comando, é necessário disparar o programa “kitchen.bat” no caso de plataformas Windows, ou o “kitchen.sh” para as demais. Este programa é responsável por executar os Jobs, e recebe os argumentos necessários para a execução da tarefa. Para executar, navegue até a pasta principal do Pentaho, e execute o “kitchen” com os seguintes argumentos, sem fechar a janela do command:

kitchen.bat /rep:<nome repositório> /user:admin /pass:admin /job:"<nome job>" /dir:<pasta onde seu job está no repositório>/

Exemplo:

kitchen.bat /rep:LAB\_PDI /user:admin /pass:admin /job:"00 - Carga DW" /dir:/LAB08/



```
Command Prompt
38 File(s)      297,823 bytes
20 Dir(s)  23,087,230,976 bytes free

d:\POS BI ETL\pdi-ce-9.0.0-423\data-integration>kitchen.bat /rep:LAB_PDI /user:admin /pass:admin /job:"00 - Carga DW" /dir:/LAB08/
```

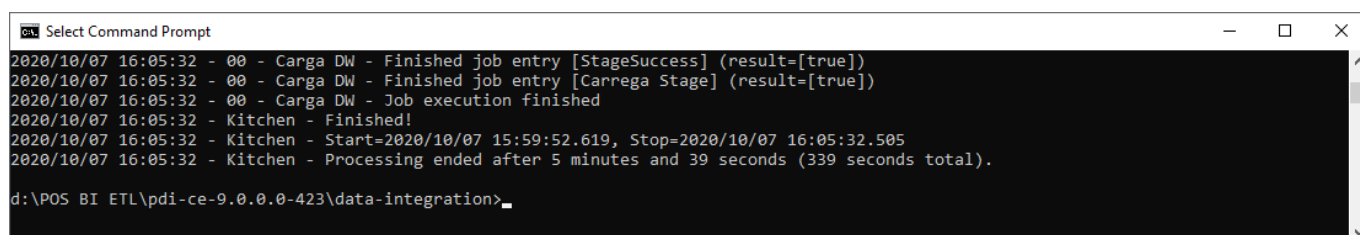
Obs.: Se houver espaços nos argumentos a serem passados, necessariamente usar as aspas duplas para qualificar o texto.

Obs2.: No caminho da pasta dentro do repositório, sempre começar com a “/”.

Dicas de conteúdo no portal Pentaho:

[https://help.pentaho.com/Documentation/8.0/Products/Data Integration/Command Line Tools](https://help.pentaho.com/Documentation/8.0/Products/Data%20Integration/Command%20Line%20Tools)

Após a execução, aguarde a mensagem “Kitchen – Finished!” para confirmar que seu processo rodou com sucesso.

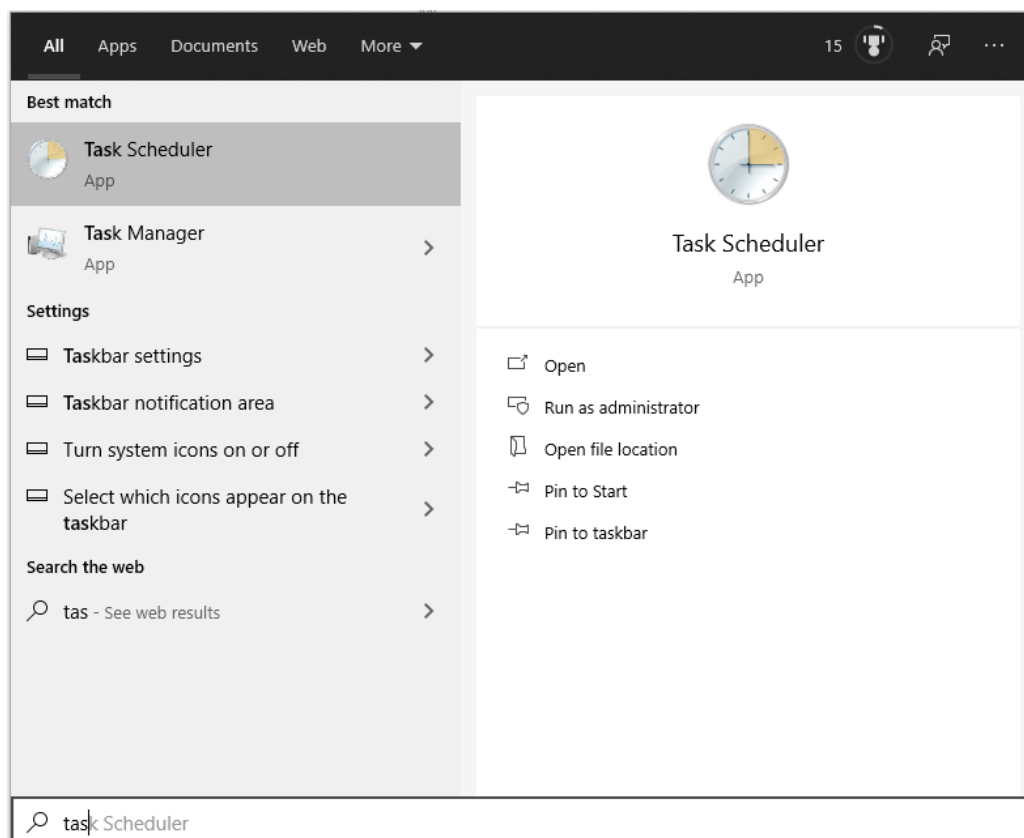


```
Select Command Prompt
2020/10/07 16:05:32 - 00 - Carga DW - Finished job entry [StageSuccess] (result=[true])
2020/10/07 16:05:32 - 00 - Carga DW - Finished job entry [Carrega Stage] (result=[true])
2020/10/07 16:05:32 - 00 - Carga DW - Job execution finished
2020/10/07 16:05:32 - Kitchen - Finished!
2020/10/07 16:05:32 - Kitchen - Start=2020/10/07 15:59:52.619, Stop=2020/10/07 16:05:32.505
2020/10/07 16:05:32 - Kitchen - Processing ended after 5 minutes and 39 seconds (339 seconds total).

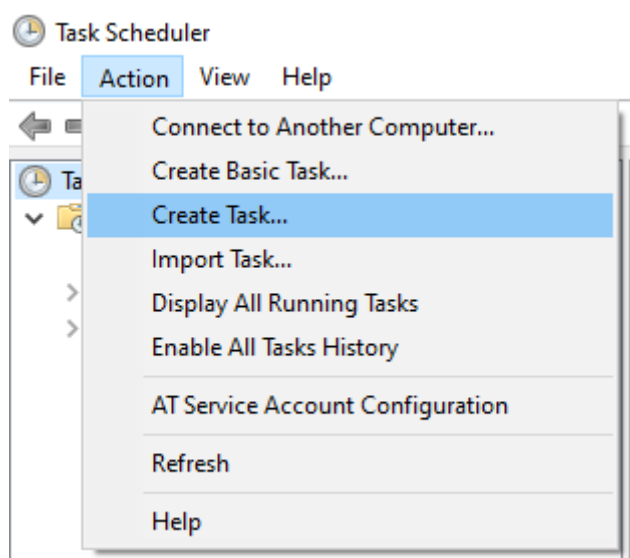
d:\POS BI ETL\pdi-ce-9.0.0-423\data-integration>
```

## Exercício 02 – Automação Windows

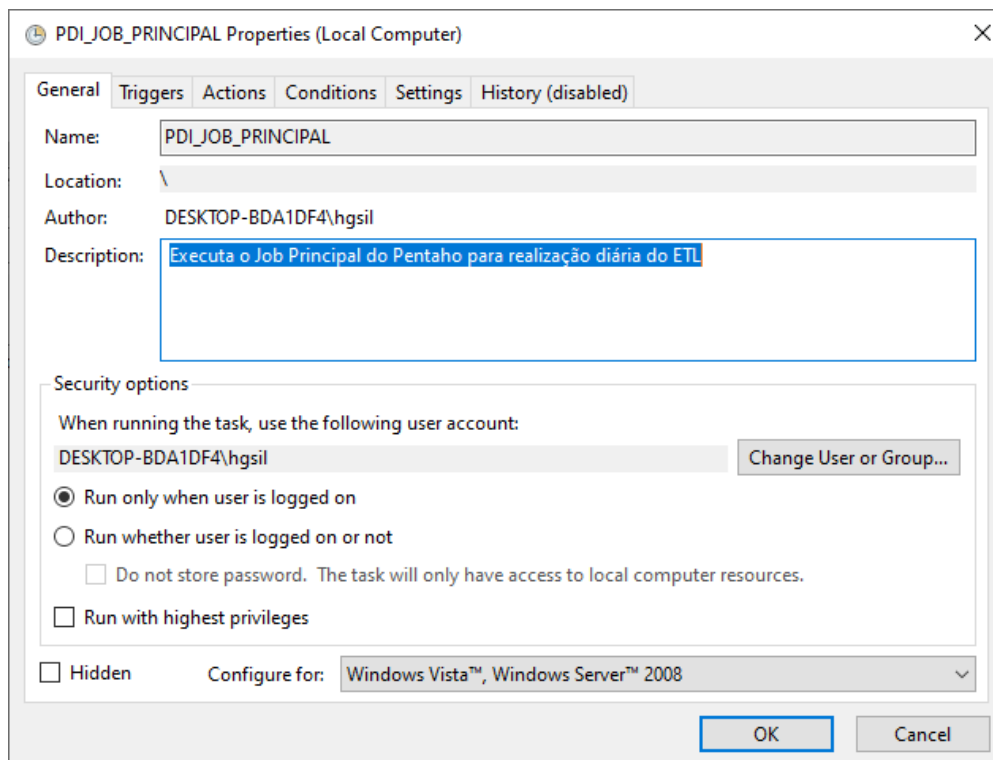
**2.1** É possível automatizar os processos do Pentaho a partir do próprio Windows, utilizando o “Agendador de Tarefas:



**2.2** Crie uma nova tarefa:

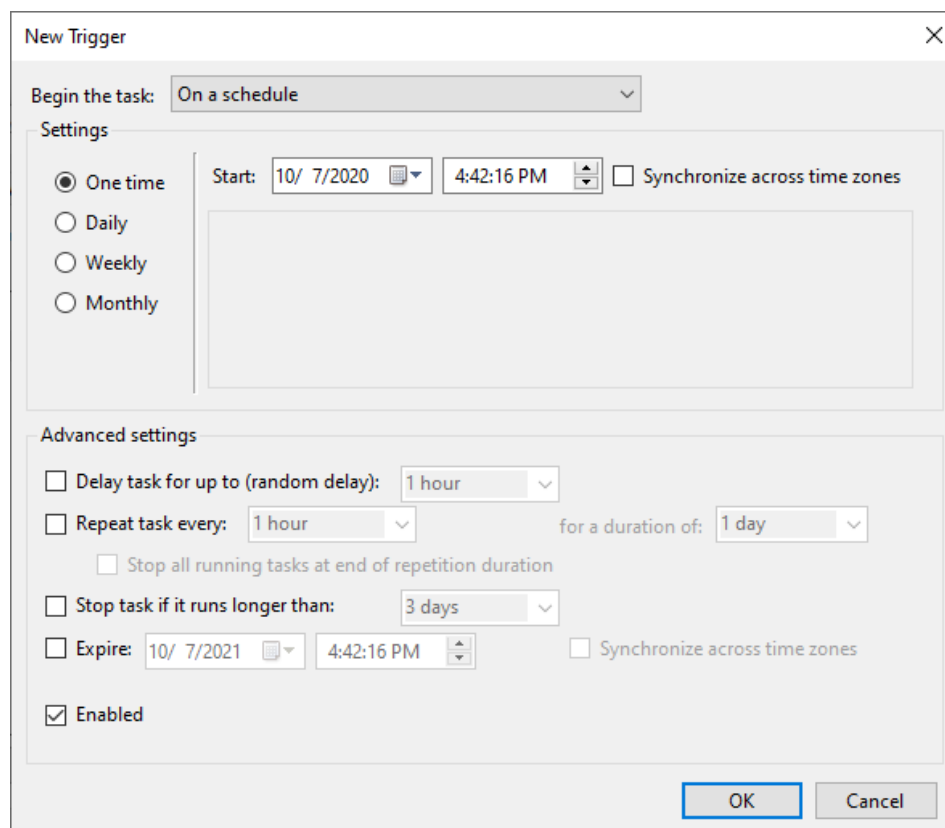


## 2.3 Nomeie a tarefa do Job a ser executado e vá para a aba “Triggers” ou “Gatilhos”:



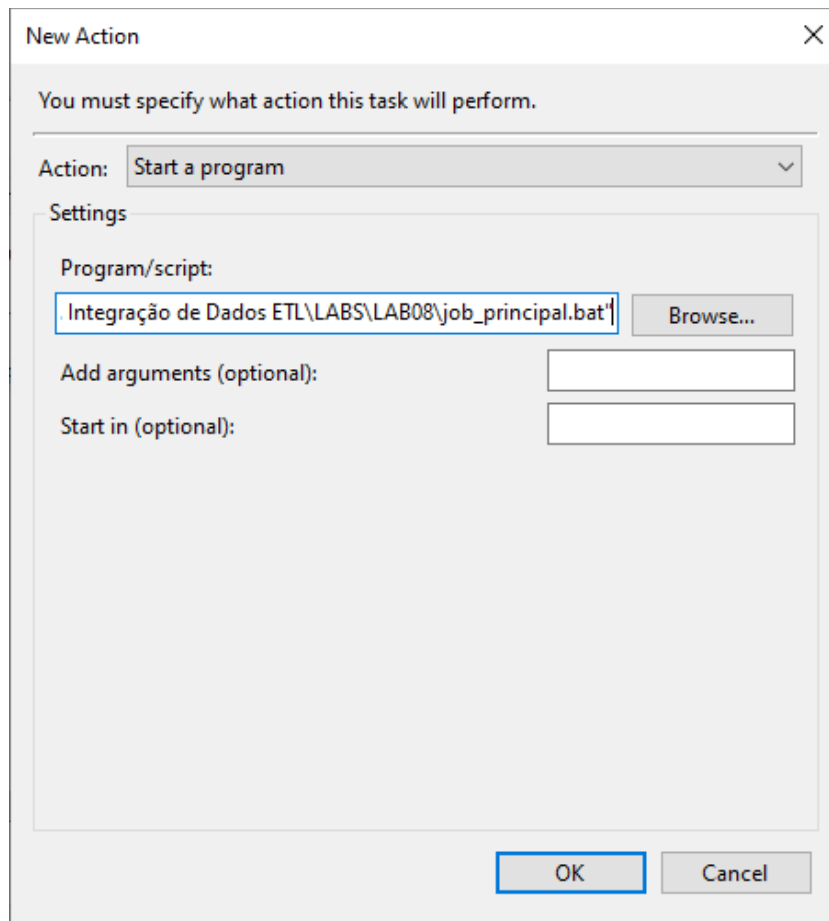
The screenshot shows the 'PDI\_JOB\_PRINCIPAL Properties (Local Computer)' dialog box. The 'General' tab is selected. The 'Name' field is 'PDI\_JOB\_PRINCIPAL'. The 'Location' field is empty. The 'Author' field is 'DESKTOP-BDA1DF4\hgsil'. The 'Description' field contains the text 'Executa o Job Principal do Pentaho para realização diária do ETL'. Below the description, there are 'Security options' including a user account 'DESKTOP-BDA1DF4\hgsil', a 'Change User or Group...' button, and radio buttons for 'Run only when user is logged on' (selected) and 'Run whether user is logged on or not'. There are also checkboxes for 'Do not store password' and 'Run with highest privileges'. At the bottom, there is a 'Hidden' checkbox and a 'Configure for' dropdown set to 'Windows Vista™, Windows Server™ 2008'. 'OK' and 'Cancel' buttons are at the bottom right.

## 2.4 Defina o agendamento único ou periódico:

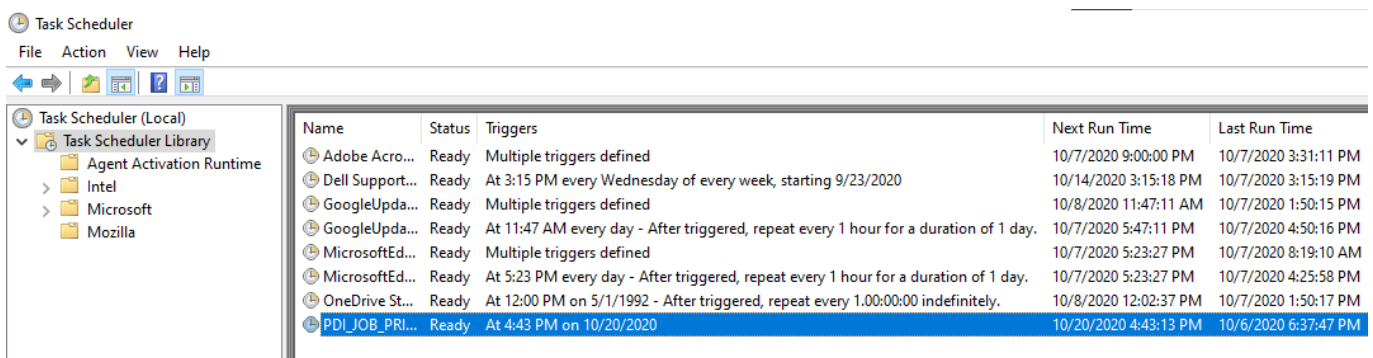


The screenshot shows the 'New Trigger' dialog box. The 'Begin the task' dropdown is set to 'On a schedule'. Under 'Settings', the 'One time' radio button is selected. The 'Start' date is '10/ 7/2020' and the time is '4:42:16 PM'. There is a checkbox for 'Synchronize across time zones'. Under 'Advanced settings', there are checkboxes for 'Delay task for up to (random delay): 1 hour', 'Repeat task every: 1 hour for a duration of: 1 day', 'Stop all running tasks at end of repetition duration', 'Stop task if it runs longer than: 3 days', and 'Expire: 10/ 7/2021 4:42:16 PM'. There is also a checkbox for 'Synchronize across time zones' and a checked 'Enabled' checkbox. 'OK' and 'Cancel' buttons are at the bottom right.

**2.5** Salve todo o caminho de execução do Kitchen em um arquivo com a extensão “.bat”, e aponte o caminho deste arquivo:




**2.6** Verifique o agendamento na biblioteca de tarefas do agendador:



**2.7** Uma vez executado com sucesso, é possível verificar no Agendador de Tarefas a última execução, e também é esperado o e-mail de confirmação:

**Evolução de Carga** ➤ Inbox x

 **Pentaho DI**  
to me ▼

Stage carregada com sucesso.

Job:  
-----  
JobName : 00 - Carga DW  
Directory : /LAB08  
JobEntry : StageSuccess

Message date: 2020/10/07 16:05:32.097

Previous results:  
-----  
Job entry Nr : 1  
Errors : 0  
Lines read : 0  
Lines written : 0  
Lines input : 0  
Lines output : 0  
Lines updated : 0  
Lines rejected : 0  
Script exist status : 0  
Result : true