



Workflow Monitor

Introduction

Workflow Monitor is a tool which monitors workflows and tasks

Provides two views

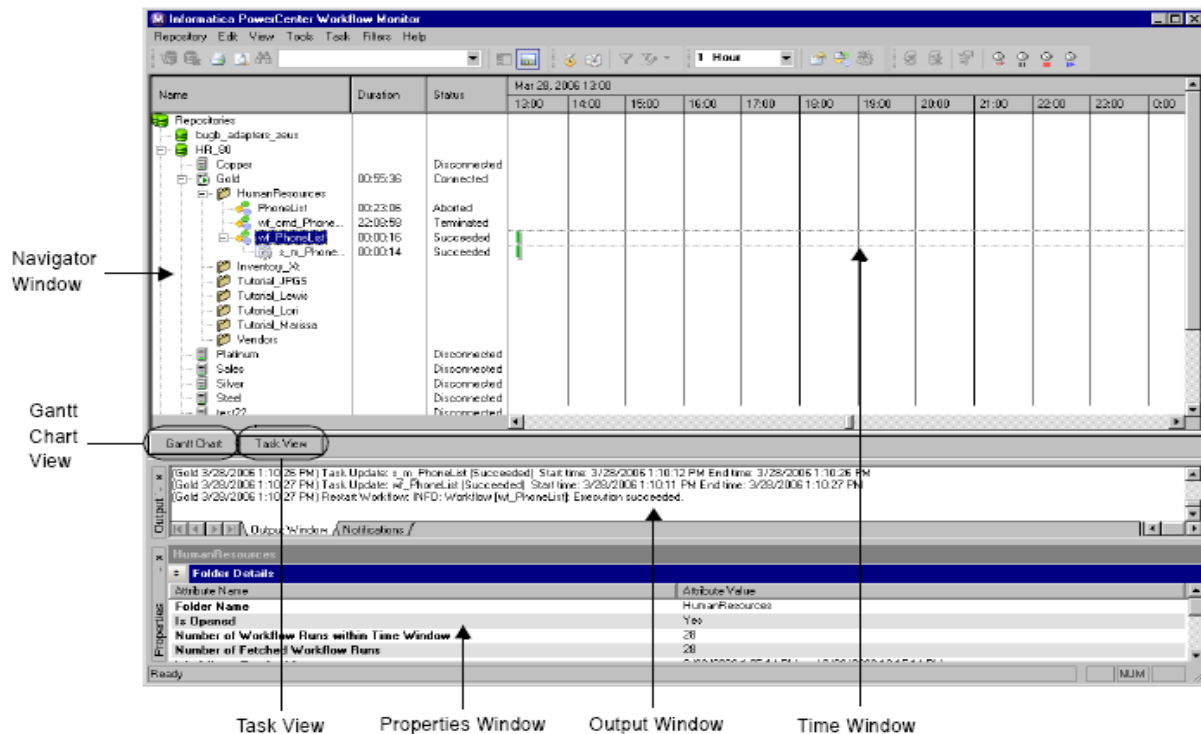
- Gantt chart view
- Task View

Helps to monitor multiple repositories, Integration Services, and workflows at the same time

Workflow Monitor

- Workflow Monitor used to monitor workflow, worklets, and tasks
- The Workflow Monitor displays information about workflows in two views:
 1. Gantt Chart view
 2. Task view

Workflow monitor windows



Workflow monitor windows (Contd.).

Gantt Chart View :

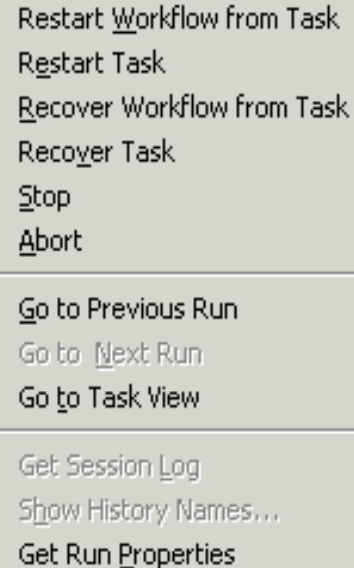
- Can view chronological details of workflow

Task View :

- Displays information about workflow runs in a report format
- It provides a convenient way to compare and filter details of workflow

Running and monitor windows

The Workflow Monitor displays workflows that have run at least once
Workflow Monitor, you can run a workflow or any task or worklet in
the workflow



- Restart Workflow from Task
- Restart Task
- Recover Workflow from Task
- Recover Task
- Stop
- Abort

- Go to Previous Run
- Go to Next Run
- Go to Task View

- Get Session Log
- Show History Names...
- Get Run Properties

Workflow Stop / Abort / Recover

Informatica PowerCenter Workflow Monitor

Repository Edit View Tools Task Filters Help

1 Hour

Name	Duration	Status	6:00pm
PCREP71			
pcrep712			
pcrep712_MM2			
S_BRIDGE			
S_PZ	04:02:25	Connected	
123			
wf_Avaga	00:00:06	Succeeded	
s_m_	00:00:03	Succeeded	
Abhinava			
ajaku			
ajay			
ajay1			
Ajaya			
ajayakumar			
aji			
Anand			
Amie			
Asha-Srividya			
ChetanPrac			
ChetanPrac1			
ChetanPrac2			
chetanprac3			
D002			
Demo			
FN			

Context menu for wf_Avaga:

- Open Latest 20 Runs
- Close
- Restart
- Stop**
- Abort
- Recover
- Cold Start
- Schedule
- UnSchedule
- Go to Previous Run
- Go to Next Run
- Go to Task View
- Get Workflow Log
- Show History Names...
- Get Run Properties

Workflow Restart

untitled - Paint

File Edit View Image Colors Help

Informatica PowerCenter Workflow Monitor

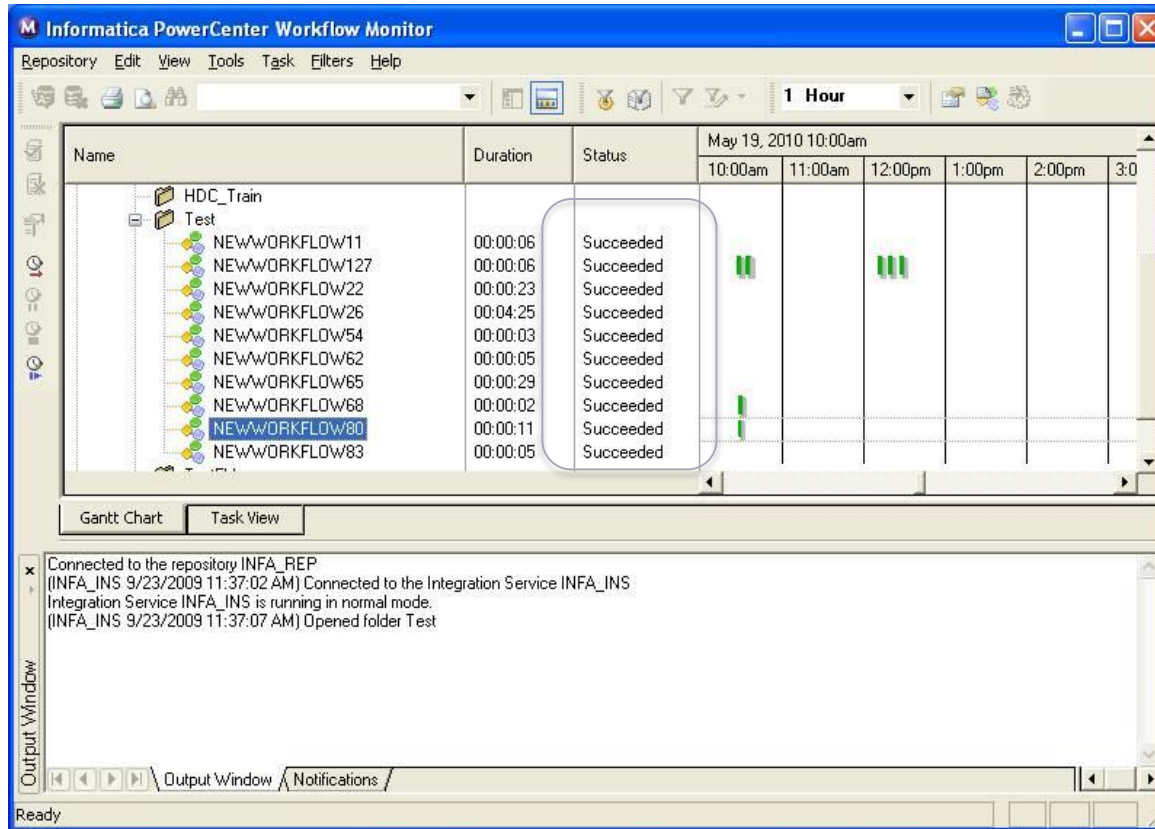
Repository Edit View Tools Task Filters Help

1 Hour

Name	Duration	Status	6:00pm	7:00pm
PCREP71				
pcrep712				
pcrep712_MM2				
S_BRIDGE				
S_PZ	04:00:42	Connected		
123	00:00:06	Succeeded		
wf_Avago_Demo	00:00:03	Succeeded		
s_m_Avago				
Abhinava				
ajaku				
ajay				
ajay1				
Ajaya				
ajayakumar				
aji				
Anand				
Amie				
Asha-Srividya				
ChetanPrac				
ChetanPrac1				
ChetanPrac2				
chetanprac3				
D002				
Demo				
PM				

Open Latest 20 Runs
Close
Restart
Stop
Abort
Recover
Cold Start
Schedule
UnSchedule
Go to Previous Run
Go to Next Run
Go to Task View
Get Workflow Log
Show History Names...
Get Run Properties

Workflow Monitor – Gantt Chart



Workflow Monitor – Task View

The screenshot shows the Informatica PowerCenter Workflow Monitor interface in Task View. The interface is divided into several sections:

- Navigator Window:** Located on the left, it shows a tree view of repositories. The 'Test' repository is selected.
- Workflow Run List:** A table in the center showing the execution history of workflows. It includes columns for Start Time, Completion Time, and Status. A black box highlights a group of workflow runs.
- Time Window:** A dropdown menu at the top right of the Workflow Run List, currently set to '1 Hour'.
- Task View:** A tab at the bottom of the Workflow Run List, currently selected.
- Output Window:** A window at the bottom showing the execution log of the selected workflow. It displays messages such as 'Connected to the repository INFA_REP' and 'Integration Service INFA_INS is running in normal mode'.

Workflow Run	Start Time	Completion Time	Status
NEWWORKFLOW127	5/19/2010 12:29:14 PM	5/19/2010 12:29:20 PM	Succeeded
NEWWORKFLOW127	5/19/2010 12:29:23 PM	5/19/2010 12:29:29 PM	Succeeded
NEWWORKFLOW127	5/19/2010 12:13:04 PM	5/19/2010 12:13:16 PM	Succeeded
NEWWORKFLOW127	5/19/2010 10:36:48 AM	5/19/2010 10:36:49 AM	Succeeded
NEWWORKFLOW127	5/19/2010 10:36:34 AM	5/19/2010 10:36:34 AM	Succeeded
NEWWORKFLOW127	5/19/2010 10:35:30 AM	5/19/2010 10:35:38 AM	Succeeded
NEWWORKFLOW127	5/19/2010 10:29:01 AM	5/19/2010 10:29:36 AM	Succeeded
NEWWORKFLOW22	11/9/2009 10:37:35 AM	11/9/2009 10:37:58 AM	Succeeded
NEWWORKFLOW26	11/9/2009 10:46:15 AM	11/9/2009 10:50:40 AM	Succeeded

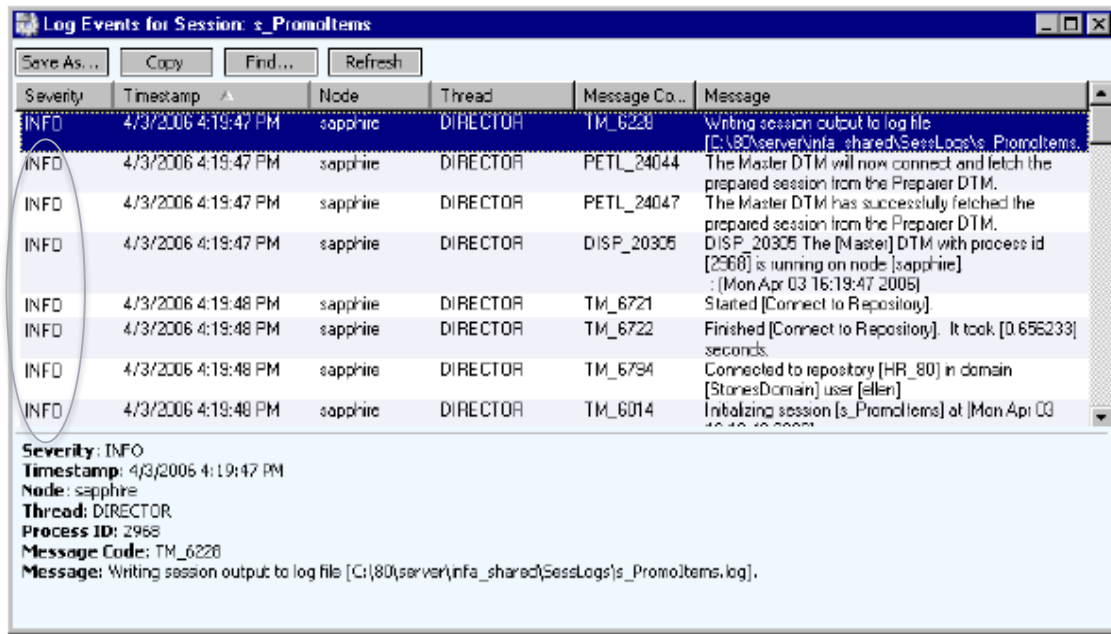
Output Window Log:

```
Connected to the repository INFA_REP
(INFA_INS 9/23/2009 11:37:02 AM) Connected to the Integration Service INFA_INS
Integration Service INFA_INS is running in normal mode.
(INFA_INS 9/23/2009 11:37:07 AM) Opened folder Test
(INFA_INS 9/23/2009 11:40:07 AM) Opened folder BDC_Sep15
(INFA_INS 9/23/2009 11:40:08 AM) Opened folder BDC_MAY17
(INFA_INS 9/23/2009 11:40:12 AM) Opened folder BDC_MAY10
(INFA_INS 9/23/2009 11:40:54 AM) Opened folder HDC_Train
```

Workflow and logs

View session and workflow logs from the Workflow monitor

By default the most recent session or workflow log file opens in the Log Viewer



Log Events for Session: s_PromoItems

Save As... Copy Find... Refresh

Severity	Timestamp	Node	Thread	Message Co.	Message
INFO	4/3/2006 4:19:47 PM	sapphire	DIRECTOR	TM_6228	Writing session output to log file [C:\80\server\infra_shared\SessLogs\s_PromoItems.log].
INFO	4/3/2006 4:19:47 PM	sapphire	DIRECTOR	PETL_24044	The Master DTM will now connect and fetch the prepared session from the Preparer DTM.
INFO	4/3/2006 4:19:47 PM	sapphire	DIRECTOR	PETL_24047	The Master DTM has successfully fetched the prepared session from the Preparer DTM.
INFO	4/3/2006 4:19:47 PM	sapphire	DIRECTOR	DISP_20305	The [Master] DTM with process id [2958] is running on node [sapphire] : (Mon Apr 03 16:19:47 2006)
INFO	4/3/2006 4:19:48 PM	sapphire	DIRECTOR	TM_6721	Started [Connect to Repository].
INFO	4/3/2006 4:19:48 PM	sapphire	DIRECTOR	TM_6722	Finished [Connect to Repository]. It took [0.656233] seconds.
INFO	4/3/2006 4:19:48 PM	sapphire	DIRECTOR	TM_6734	Connected to repository [HR_80] in domain [StonesDomain] user [ellen]
INFO	4/3/2006 4:19:48 PM	sapphire	DIRECTOR	TM_6014	Initializing session [s_PromoItems] at [Mon Apr 03 16:19:48 2006]

Severity: INFO
Timestamp: 4/3/2006 4:19:47 PM
Node: sapphire
Thread: DIRECTOR
Process ID: 2958
Message Code: TM_6228
Message: Writing session output to log file [C:\80\server\infra_shared\SessLogs\s_PromoItems.log].

Recap

The Workflow Monitor is a tool that allows you to monitor workflows and tasks

PowerCenter Server and Repository Server send information to Workflow monitor

Workflow Monitor consists of two views to monitor the tasks – Gantt Chart View and Task View

The session and workflow logs can be viewed for the session and workflow runs

Summary

In this session, we learnt to :

- Illustrate Workflow Monitor
- Classify Workflow Monitor Views
- Create Schedules
- Interpret Workflow and Session Logs
- Monitor Configuration



Thank You