

- The NiFi User Interface provides a significant amount of monitoring and feedback about the current status of the application. In addition to rolling statistics and the current status provided for each component, components are able to report Bulletins. Whenever a component reports a Bulletin, a bulletin icon is displayed on that component. System-level bulletins are displayed on the Status bar near the top of the page. Using the mouse to hover over that icon will provide a tool-tip that shows the time and severity (Debug, Info, Warning, Error) of the Bulletin, as well as the message of the Bulletin. Bulletins from all components can also be viewed and filtered in the Bulletin Board Page, available in the Global Menu.

DIS_Live				4	
0	0	246	0	0	13
Queued	145 (4.9 MB)				
In	0 (0 bytes) → 0				5 min
Read/Write	30.8 MB / 30.85 MB				5 min
Out	0 → 0 (0 bytes)				5 min
✓ 12	* 0	↑ 0	! 0	? 0	

Queue Interaction

- You can view the FlowFiles queued in a connection when necessary. Right-click a connection, and click List queue in the context menu to open the queue listing. You can check the list even when the source and destination processors are actively running. Additionally, details for a Flowfile in the listing can be viewed by clicking Details in the left-most column. From here, the FlowFile details and attributes are available along with the buttons for downloading or viewing the content. If the source or destination of the connection is actively running, there is a chance that the desired FlowFile is no longer in the active queue.

You can delete FlowFiles queued in a connection. Right-click the connection, and click Empty queue in the context menu to initiate the removal of the FlowFiles. You can remove FlowFiles even if the source and destination processors are actively running.

success

Displaying 36 of 38 (1.24 MB)

The source of this queue is currently running. This listing may no longer be accurate.

Position	UUID	Filename	File Size	Queued Duration	Lineage Duration	Penalized	Node
1	096659be-cac7-46c5-8769-645f...	3dbf5d6b-90ed-4cb9-907e-df274...	20.15 KB	00:03:18.007	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
2	b353b51e-232b-4110-aeb8-6f0f...	096659be-cac7-46c5-8769-645f...	10.51 KB	00:03:17.863	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
3	59814564-d1b0-4874-a545-7708...	3dbf5d6b-90ed-4cb9-907e-df274...	36.77 KB	00:03:17.941	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
4	509522d5-dfca-4d90-ae65-afcf...	3dbf5d6b-90ed-4cb9-907e-df274...	41.63 KB	00:03:17.921	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
5	db2eb124-b797-4199-b39d-4dc2...	3dbf5d6b-90ed-4cb9-907e-df274...	22.43 KB	00:03:17.998	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
6	077a3afa-594a-41de-b1bb-6a77...	3dbf5d6b-90ed-4cb9-907e-df274...	29.19 KB	00:03:17.855	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
7	55817922-645c-4fb2-a6b0-299c...	3dbf5d6b-90ed-4cb9-907e-df274...	34.02 KB	00:03:17.966	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
8	a4145629-3d57-42d5-975e-d3bc...	3dbf5d6b-90ed-4cb9-907e-df274...	21.04 KB	00:03:17.946	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
9	77136c70-81c9-4021-988c-b664...	3dbf5d6b-90ed-4cb9-907e-df274...	33.74 KB	00:03:17.936	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
10	f164dc88-8f34-4e0d-9d42-19d0e...	3dbf5d6b-90ed-4cb9-907e-df274...	30.05 KB	00:03:17.923	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
11	d649e7ef-ae29-4a6b-b207-c576...	3dbf5d6b-90ed-4cb9-907e-df274...	21.60 KB	00:03:18.090	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
12	1717a55d-a1a9-4fb2-8d2f-21b6d...	3dbf5d6b-90ed-4cb9-907e-df274...	49.61 KB	00:03:17.905	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
13	3a5229d0-c3fc-4454-8f0f-1efad...	3dbf5d6b-90ed-4cb9-907e-df274...	37.27 KB	00:03:18.000	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
14	61e57a98-d5bc-4518-94c1-d9b9...	3dbf5d6b-90ed-4cb9-907e-df274...	64.54 KB	00:03:17.855	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
15	64160376-88b4-4d7c-a034-47b6...	3dbf5d6b-90ed-4cb9-907e-df274...	28.71 KB	00:03:17.912	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
16	bcd70767-0e49-4d66-9faa-41c2...	3dbf5d6b-90ed-4cb9-907e-df274...	24.01 KB	00:03:17.928	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
17	835f2ea4-d801-48f5-8040-dae3c...	3dbf5d6b-90ed-4cb9-907e-df274...	35.99 KB	00:03:17.956	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
18	1e4f0594-807c-43bb-9102-2aae...	3dbf5d6b-90ed-4cb9-907e-df274...	39.48 KB	00:03:17.951	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
19	772e3534-902c-4768-8b29-bb1d...	3dbf5d6b-90ed-4cb9-907e-df274...	38.46 KB	00:03:17.929	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
20	5ab013dc-852a-47bd-8088-103b...	3dbf5d6b-90ed-4cb9-907e-df274...	16.98 KB	00:03:17.925	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
21	714ed7b3-2468-4c5b-a662-b748...	3dbf5d6b-90ed-4cb9-907e-df274...	8.57 KB	00:03:17.993	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
22	7f45bf49-9991-496a-8833-ebb0d...	3dbf5d6b-90ed-4cb9-907e-df274...	25.60 KB	00:03:17.849	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
23	c3e164e0-f3b2-40a4-84e3-b337...	3dbf5d6b-90ed-4cb9-907e-df274...	52.75 KB	00:03:17.922	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
24	c1be94d8-b129-4dc5-84e9-cabf...	3dbf5d6b-90ed-4cb9-907e-df274...	88.10 KB	00:03:17.928	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
25	28c98d73-e826-4a34-a378-124a...	3dbf5d6b-90ed-4cb9-907e-df274...	38.06 KB	00:03:18.038	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
26	b84c9d47-8f52-4e37-a0a5-ef83...	3dbf5d6b-90ed-4cb9-907e-df274...	9.99 KB	00:03:17.895	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
27	7d2fe4b2-6d36-4c77-882b-ceb1...	3dbf5d6b-90ed-4cb9-907e-df274...	17.55 KB	00:03:17.944	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
28	7131e30a-2da0-4057-af2b-d676...	3dbf5d6b-90ed-4cb9-907e-df274...	40.72 KB	00:03:17.919	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...
29	25c0b325-f75a-434e-ae64-0e71...	3dbf5d6b-90ed-4cb9-907e-df274...	26.16 KB	00:03:17.988	00:03:56.746	No	niifi-nifi-headless.default.svc.cl...

Last updated: 09:13:56 UTC

NiFi Flow • DIS_Live • Boni • Utrecht • Wimbond

NiFi Summary Page

- NiFi Summary provides information about all of the components on the canvas in a tabular format. It also provides system diagnostics that include disk usage, CPU utilization, Java heap, and garbage collection information. To access the summary page, click Summary in the Global Menu at the top-right corner of the NiFi UI. Clicking this option takes you to the summary page, where you can get information about all the components of that particular NiFi instance or cluster. You can monitor the following components in the NiFi summary UI:

Processors Input ports Output ports Remote process groups Connections Process groups

Depending on the component, you can filter by name, type, or UIR.

NiFi Summary

PROCESSORS INPUT PORTS OUTPUT PORTS REMOTE PROCESS GROUPS CONNECTIONS PROCESS GROUPS

Displaying 46 of 46

Filter by name

View: Single node Cluster

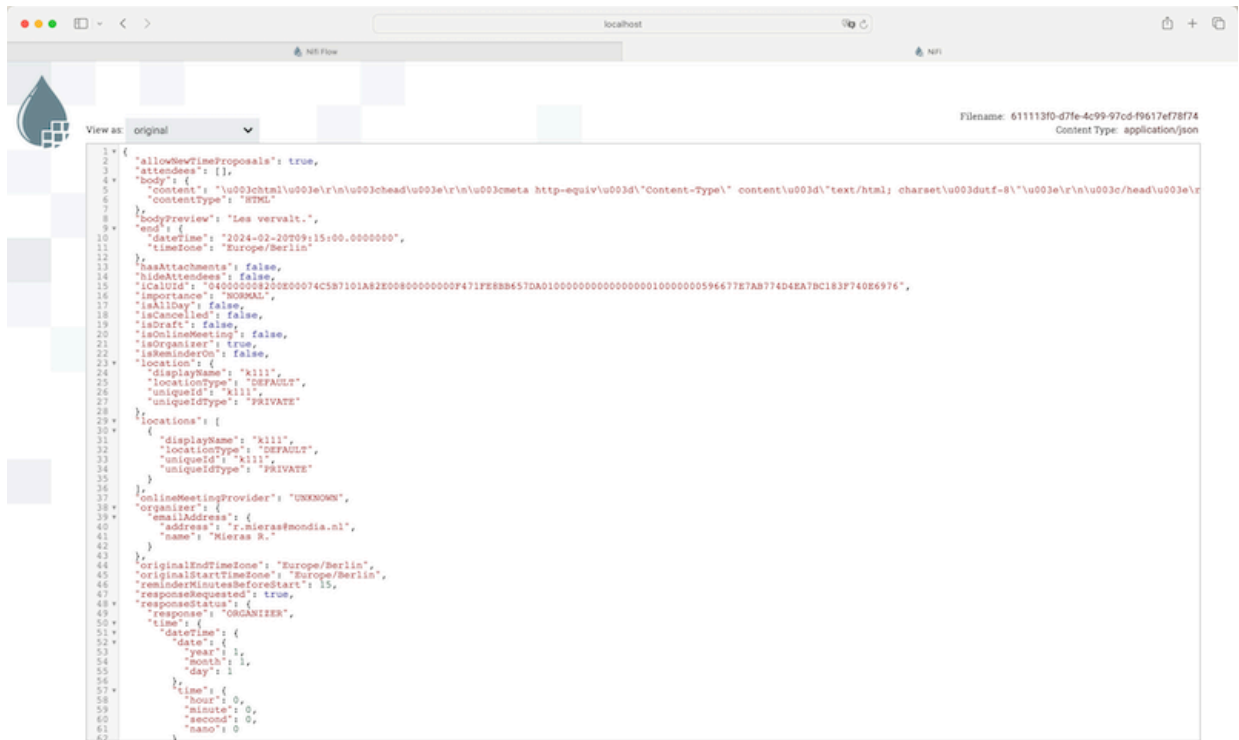
Name	Version State	Transferred (Size) 5 min	In (Size) 5 min	Read Write 5 min	Out (Size) 5 min	Sent (Size) 5 min	Received (Size) 5 min
DISABLED		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
DIS_Dev		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
DIS_Live		8,350 (89.98 MB)	0 (0 bytes)	29.73 MB 27.17 MB	0 (0 bytes)	0 (208.01 KB)	14 (3.59 MB)
Dev Zernelo LiveSchedule		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Geert Retveld College - Will...	✓ Up to date	740 (27.44 MB)	0 (0 bytes)	11.46 MB 10.13 MB	0 (0 bytes)	0 (120.02 KB)	2 (1.47 MB)
Globe College - Willbrod	✓ Up to date	658 (31.47 MB)	0 (0 bytes)	12.98 MB 11.62 MB	0 (0 bytes)	0 (87.99 KB)	2 (1.61 MB)
Jacobus Fruytier	✓ Up to date	10 (468 bytes)	0 (0 bytes)	125 bytes 124 bytes	0 (0 bytes)	0 (0 bytes)	1 (113 bytes)
Johan de Witt Dordrecht	✓ Up to date	2,142 (103.9 KB)	0 (0 bytes)	47.88 KB 37.1 KB	0 (0 bytes)	0 (0 bytes)	2 (11.26 KB)
KSG De Breul	✓ Up to date	10 (468 bytes)	0 (0 bytes)	125 bytes 124 bytes	0 (0 bytes)	0 (0 bytes)	1 (113 bytes)
LiveSchedule		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Magister Appointments		254 (19.19 MB)	0 (0 bytes)	7.37 MB 8.13 MB	119 (2.11 MB)	0 (120.02 KB)	2 (1.47 MB)
Magister Appointments		194 (21.53 MB)	0 (0 bytes)	8.22 MB 9.16 MB	89 (2.46 MB)	0 (87.99 KB)	2 (1.61 MB)
Magister Appointments		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Magister Appointments		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Mondia scholengroep	✓ Up to date	168 (5.97 MB)	0 (0 bytes)	2.73 MB 2.84 MB	0 (0 bytes)	0 (0 bytes)	1 (268.13 KB)
Nifi Flow		8,350 (89.98 MB)	0 (0 bytes)	29.73 MB 27.17 MB	0 (0 bytes)	0 (208.01 KB)	14 (3.59 MB)
Parment Scholen Eindhoven	✓ Up to date	10 (468 bytes)	0 (0 bytes)	125 bytes 124 bytes	0 (0 bytes)	0 (0 bytes)	1 (113 bytes)
RSG Wolfsbos	✓ Up to date	22 (11.12 KB)	0 (0 bytes)	6.38 KB 5.12 KB	0 (0 bytes)	0 (0 bytes)	1 (458 bytes)
Sint Maartens College Maa...		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Students		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Students		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Students		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Teachers		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)
Teachers		0 (0 bytes)	0 (0 bytes)	0 bytes 0 bytes	0 (0 bytes)	0 (0 bytes)	0 (0 bytes)

Last updated: 09:22:24 UTC

system diagnostics

Data provenance

Because all of the FlowFile attributes and the pointer to the content are kept in the Provenance Repository, a Dataflow Manager is able to not only see the lineage, or processing history, of that piece of data, but is also able to later view the data itself and even replay the data from any point in the flow. A common use-case for this is when a particular down-stream system claims to have not received the data. The data lineage can show exactly when the data was delivered to the downstream system, what the data looked like, the filename, and the URL that the data was sent to – or can confirm that the data was indeed never sent. In either case, the Send event can be replayed with the click of a button (or by accessing the appropriate HTTP API endpoint) in order to resend the data only to that particular downstream system. Alternatively, if the data was not handled properly (perhaps some data manipulation should have occurred first), the flow can be fixed and then the data can be replayed into the new flow, in order to process the data properly.



Logging

In addition to the accessible monitoring features available in the GUI, there is extensive logging.

For instance, display all `InvokeMicrosoftGraphCalendar` log events.

```
kubectl logs nifi-1 app-log | grep -e "InvokeMicrosoftGraphCalendar"
```

```
schooten@boni.nl with transactionId 106258-2628956 has been undone. Event Source: 2024/02/13 17:35:002024/02/13 17:45:00# Ouders/verzorgers van Jolie van Duijn (1A2) *BUSY; Event Graph: 2
2024/02/13 17:35:002024/02/13 17:45:00# Ouders/verzorgers van Jolie van Duijn (1A2) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:44,229 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628467 has been undone. Event Source: 2024/02/13 16:35:002024/02/13 16:45:00# Ouders/verzorgers van Joris van Gool (4V4) *BUSY; Event Graph: 202
4/02/13 16:35:002024/02/13 16:45:00# Ouders/verzorgers van Joris van Gool (4V4) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:44,460 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628463 has been undone. Event Source: 2024/02/13 17:15:002024/02/13 17:25:00# Ouders/verzorgers van Quirijn de Haan (4V4) *BUSY; Event Graph: 20
24/02/13 17:15:002024/02/13 17:25:00# Ouders/verzorgers van Quirijn de Haan (4V4) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:44,691 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628421 has been undone. Event Source: 2024/02/13 19:25:002024/02/13 19:35:00# Ouders/verzorgers van Hidde van Dijk (4H3) *BUSY; Event Graph: 202
4/02/13 19:25:002024/02/13 19:35:00# Ouders/verzorgers van Hidde van Dijk (4H3) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:44,937 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628376 has been undone. Event Source: 2024/02/13 19:15:002024/02/13 19:25:00# Ouders/verzorgers van Roog van Dord (4H3) *BUSY; Event Graph: 2024
/02/13 19:15:002024/02/13 19:25:00# Ouders/verzorgers van Roog van Dord (4H3) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:45,163 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628320 has been undone. Event Source: 2024/02/13 16:15:002024/02/13 16:25:00# Ouders/verzorgers van Lotte van der Hoorn (5H3) *BUSY; Event Graph:
2024/02/13 16:15:002024/02/13 16:25:00# Ouders/verzorgers van Lotte van der Hoorn (5H3) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:45,401 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628350 has been undone. Event Source: 2024/02/13 16:25:002024/02/13 16:35:00# Ouders/verzorgers van Karsten van Beelen (4H3) *BUSY; Event Graph:
2024/02/13 16:25:002024/02/13 16:35:00# Ouders/verzorgers van Karsten van Beelen (4H3) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:45,627 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628328 has been undone. Event Source: 2024/02/13 17:45:002024/02/13 17:55:00# Ouders/verzorgers van Max Ottengraf (4H3) *BUSY; Event Graph: 2024
/02/13 17:45:002024/02/13 17:55:00# Ouders/verzorgers van Max Ottengraf (4H3) *BUSYMicrosoft Teams Meeting
2024-02-08 08:40:45,913 INFO [Timer-Driven Process Thread-18] n.s.n.m.g.p.InvokeMicrosoftGraphCalendar InvokeMicrosoftGraphCalendar[id=720ee7ce-01ed-32b1-8e62-ed1b99e86b61] Event for user
m.vaneck@boni.nl with transactionId 106110-2628331 has been undone. Event Source: 2024/02/13 17:25:002024/02/13 17:35:00# Ouders/verzorgers van Alexander Veloso (5H3) *BUSY; Event Graph: 2
2024/02/13 17:25:002024/02/13 17:35:00# Ouders/verzorgers van Alexander Veloso (5H3) *BUSYMicrosoft Teams Meeting
```