

View Design

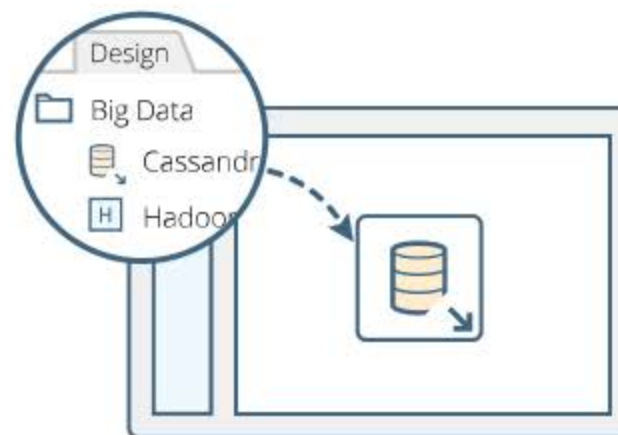
Steps

- > Input
- > Output
- > Transform
- > Utility
- > Flow
- > Scripting
- > BA Server
- > Lookup
- > Joins
- > Data Warehouse
- > Validation
- > Statistics
- > Big Data
- > Agile
- > Cryptography
- > Palo
- > Open ERP
- > Job
- > Mapping
- > Bulk loading
- > Inline
- > Experimental

Bem-vindo!

Transformação 1

Graphical view of transformation [Transformação 1]

Iniciamos uma nova transformação no pentaho**Drag & Drop a Step**

Also try shift + double-click

View Design

Steps exc

Input
Microsoft Excel InputOutput
Microsoft Excel Output
Microsoft Excel Writer

- Transform
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- Open ERP
- Job
- Manning

Bem-vindo! Transformação 1

100%

Utilizaremos como entrada três arquivos em excel
Microsoft Excel Input
Microsoft Excel Input 2
Microsoft Excel Input 3

View Design

Steps

exc

- Input
 - Microsoft Excel Input
- Output
 - Microsoft Excel Output
 - Microsoft Excel Writer
- Transform
- Utility
- Flow
- Scripting
- BA Server
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Bem-vindo!

Transformação 1

**definimos os três arquivos nas entradas**

pessoas



dados_acesso



empresas

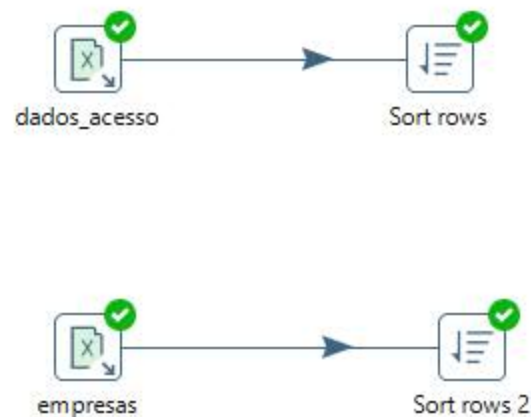
View Design

Steps sor

- Input
- Output
- Transform
 - Row denormaliser
 - Sort rows
 - Unique rows
- Utility
- Flow
- Scripting
- BA Server
- Lookup
- Joins
 - Merge Join
 - Merge Rows (diff)
 - Sorted Merge
- Data Warehouse
- Validation
- Statistics
 - Analytic Query
 - Group by
 - Memory Group by
- Big Data

Bem-vindo! Transformação 1

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Utilizaremos as sort rows para ordenar nossos arquivos com base no parametro que definirmos

Execution Results

Execution History Logging Step Metrics Performance Graph Metrics Preview data

#	Nome do step	Copia nr	Lidos	escritos	Entrada	Saída	Atualizados	Rejected	Erros	Ativo	Tempo	Velocidade (r/s)	Pri/ent/sai
1	dados_acesso	0	0	1000	1000	0	0	0	0	Finished	0.3s	3.030	-
2	Sort rows	0	1000	1000	0	0	0	0	0	Finished	0.4s	2.439	-
3	empresas	0	0	100	100	0	0	0	0	Finished	0.4s	251	-
4	Sort rows 2	0	100	100	0	0	0	0	0	Finished	0.5s	221	-
5	peessoas	0	0	1000	1000	0	0	0	0	Finished	0.5s	1.821	-

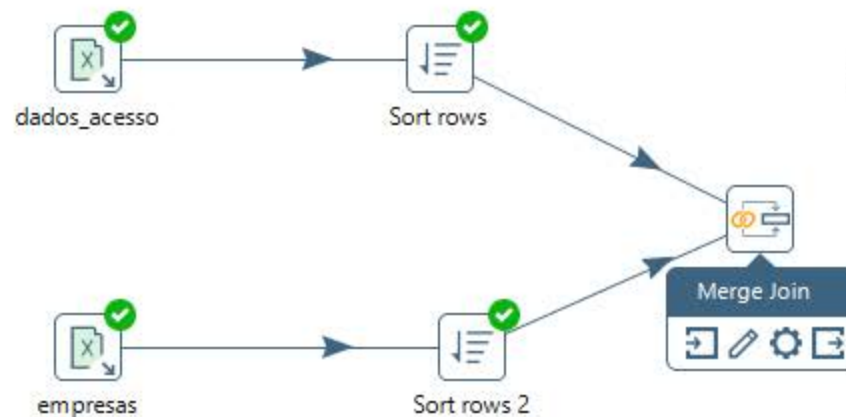
View Design

Steps sor

- Input
- Output
- Transform
 - Row denormaliser
 - Sort rows
 - Unique rows
- Utility
- Flow
- Scripting
- BA Server
- Lookup
- Joins
 - Merge Join
 - Merge Rows (diff)
 - Sorted Merge
- Data Warehouse
- Validation
- Statistics
 - Analytic Query
 - Group by
 - Memory Group by
- Big Data

Bem-vindo! Transformação 1

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Execution Results

Execution History Logging Step Metrics Performance Graph Metrics Preview data

#	Nome do step	Copia nr	Lidos	escritos	Entrada	Saída	Atualizados	Rejected	Erros	Ativo	Tempo	Velocidade (r/s)	Pri/ent/sai
1	dados_acesso	0	0	1000	1000	0	0	0	0	Finished	0.3s	3.030	-
2	Sort rows	0	1000	1000	0	0	0	0	0	Finished	0.4s	2.439	-
3	empresas	0	0	100	100	0	0	0	0	Finished	0.4s	251	-
4	Sort rows 2	0	100	100	0	0	0	0	0	Finished	0.5s	221	-
5	personas	0	0	1000	1000	0	0	0	0	Finished	0.5s	1.821	-

View Design

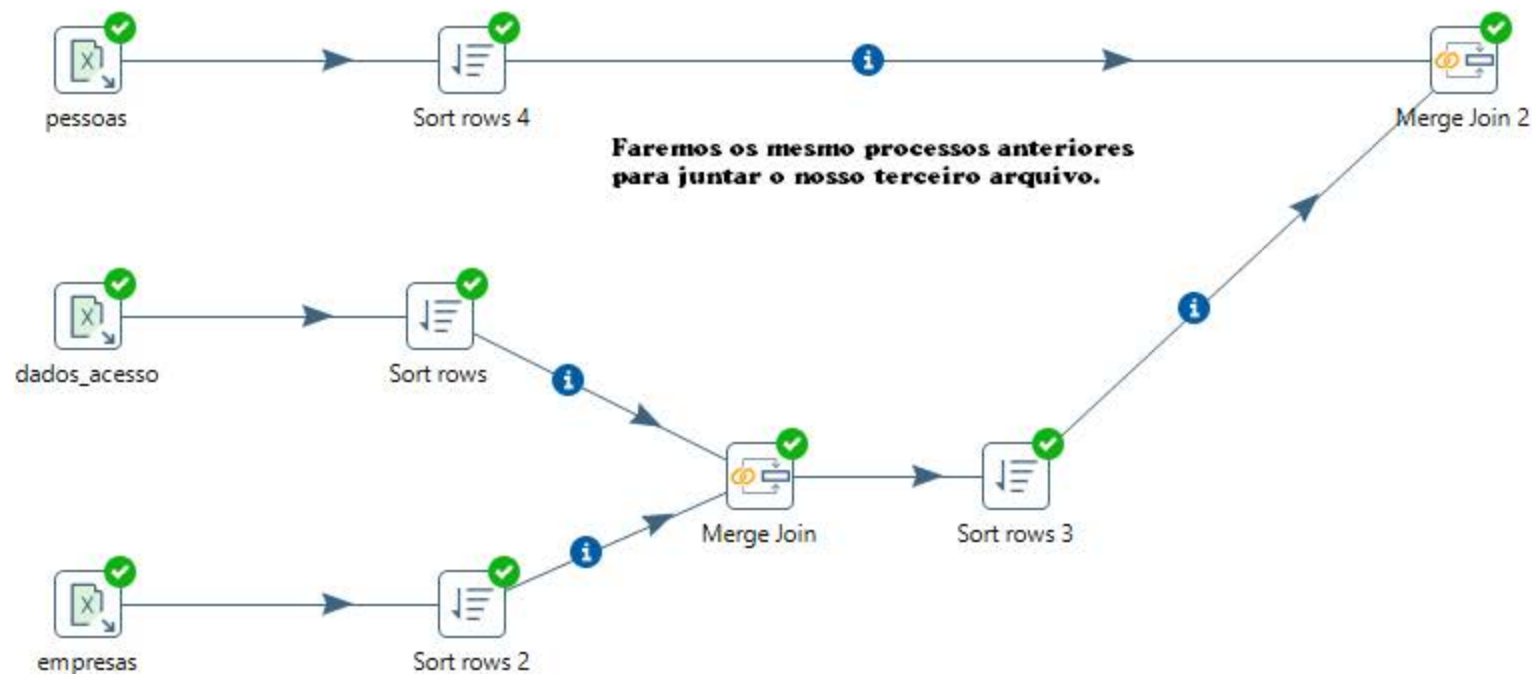
Steps sort

- Input
- Output
- Transform
 - Row denormaliser
 - Sort rows
 - Unique rows
- Utility
- Flow
- Scripting
- BA Server
- Lookup
- Joins
 - Merge Join
 - Merge Rows (diff)
 - Sorted Merge
- Data Warehouse
- Validation
- Statistics
 - Analytic Query
 - Group by
 - Memory Group by
- Big Data

Bem-vindo!

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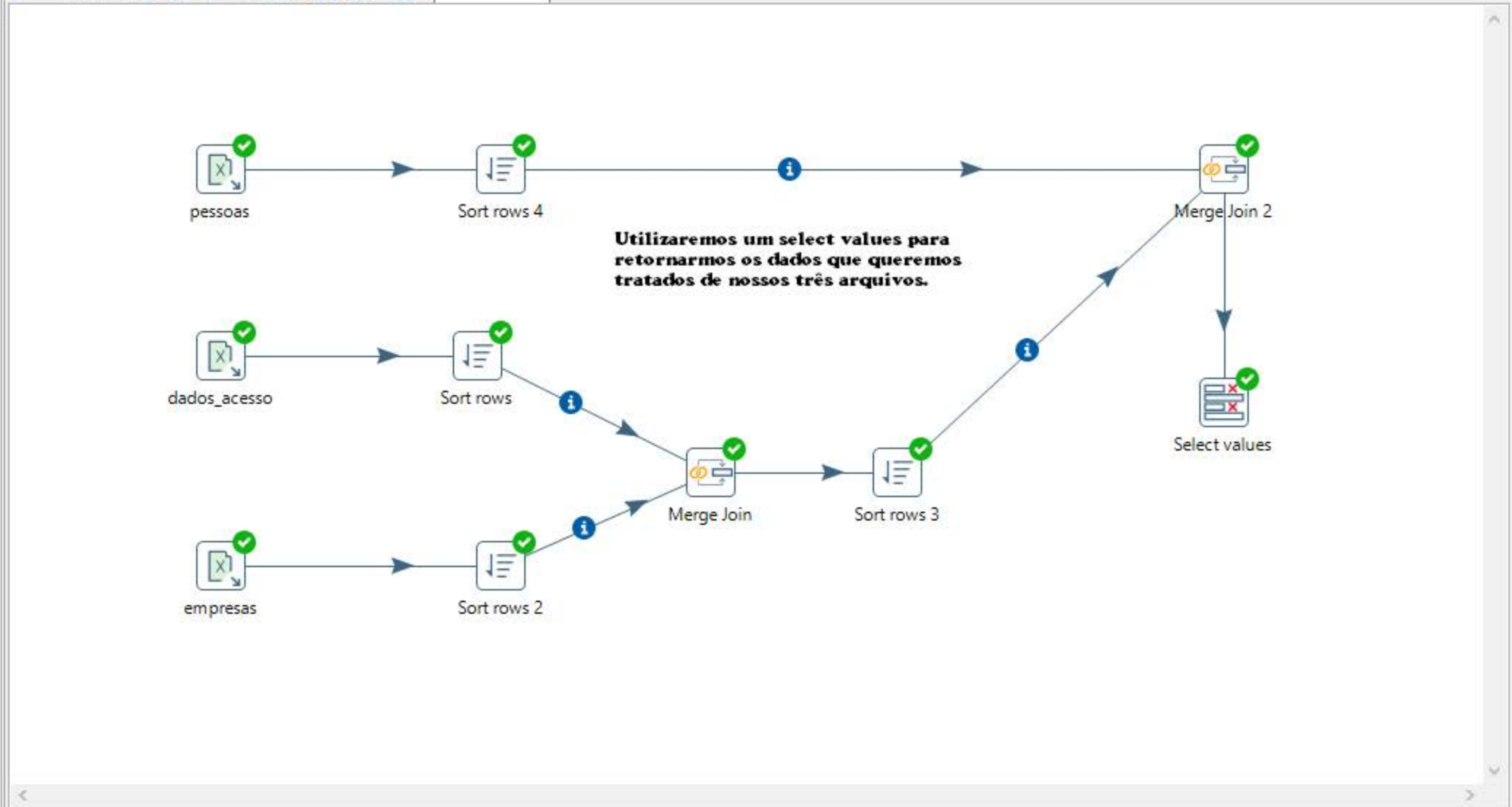


View Design

Steps select

- Input
- Output
- Transform
 - Select values
- Utility
- Flow
 - Block this step until step
- Scripting
- BA Server
- Lookup
- Joins
- Data Warehouse
- Validation
- Statistics
- Big Data
- Agile
- Cryptography
- Palo
- Open ERP
- Job
- Mapping

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Rows of step: Select values (1000 rows)

#	Nome	Sobrenome	Email	Login	Ip	Nome da Empresa	Data	Hora	
1	Brandon	Lane	blane0@census.gov	molson0	233.196.37.203	Chatterbridge	2015-10-10	01:04:00	Aqui nós temos um preview de nosso select.
2	Patricia	Coleman	pcoleman1@rambler.ru	rspencer1	41.105.194.134	Dynabox	2016-05-23	22:19:40	
3	Teresa	Bryant	tbryant2@plala.or.jp	criley2	8.51.179.69	Gabcube	2016-09-16	16:58:00	
4	Fred	Hanson	fhanson3@jalbum.net	mgreen3	84.83.41.189	Podcat	2016-02-16	00:52:00	
5	Randy	Johnson	rjohnson4@walmart.com	jdavis4	178.0.27.222	Zooveo	2016-01-26	21:01:40	
6	Jennifer	Alvarez	jalvarez5@theglobeandmail.com	acarter5	2.164.103.100	Einti	2015-11-22	20:43:00	
7	Antonio	Perkins	aperkins6@yellowpages.com	dflores6	228.186.97.10	Dabfeed	2016-01-10	11:07:00	
8	Julie	Jacobs	jjacobs7@istockphoto.com	swalker7	75.124.149.202	Voonix	2016-09-18	09:46:00	
9	Shirley	Coleman	scoleman8@altervista.org	wmendoza8	66.219.74.242	Topicshots	2016-04-10	06:42:00	
10	Norma	Castillo	ncastillo9@seesaa.net	cmontgomery9	47.185.143.211	Fadeo	2015-12-03	05:20:00	
11	Janice	Ross	jrossa@foxnews.com	cdanielsa	248.232.78.79	Zoonder	2016-06-11	05:27:00	
12	Amanda	Ray	arayb@google.fr	jpalmerb	101.28.141.142	Livfish	2015-10-22	06:39:00	
13	Marie	Jacobs	mjacobsc@youtu.be	jporterc	117.34.15.44	Zoovu	2015-12-06	19:28:00	
14	Raymond	Mcdonald	rmcdonaldd@cmu.edu	dwebbd	143.248.172.253	Ozu	2016-09-09	04:25:00	
15	Louis	Chapman	lchapmane@arizona.edu	smcdonalde	203.50.153.5	Jabbersphere	2016-01-20	02:10:00	
16	Jeremy	Rice	jricef@walmart.com	ahowellf	144.238.92.94	Linklinks	2016-03-10	14:47:00	
17	Helen	Nichols	hnicholsg@yale.edu	sfergusong	3.84.26.225	Wikibox	2016-07-24	05:08:00	
18	Laura	Black	lblackh@flickr.com	tfreemanh	108.241.182.63	Buzzbean	2016-04-13	11:02:00	
19	William	Perkins	wperkinsi@stumbleupon.com	kwrighti	86.209.71.85	Twitternation	2016-04-26	20:17:00	
20	Mary	Hart	mhartj@cam.ac.uk	ejohnstonj	250.1.112.202	Edgewire	2016-04-10	14:35:00	
21	Marie	Harvey	mharveyk@goo.gl	lnelsonk	117.34.15.44	Zoovu	2015-12-06	19:28:00	
22	Alan	Fisher	afisherl@microsoft.com	mtompsonl	56.176.23.198	Gigabox	2016-01-01	04:20:00	
23	Nicholas	White	nwhitem@weebly.com	ggrahamm	41.111.2.11	Topicware	2016-03-31	16:06:00	
24	Gregory	Jacobs	gjacobsn@ezinearticles.com	harmstrongn	97.1.150.59	Fiveclub	2015-12-05	20:55:40	
25	Thomas	Mitchell	tmitchello@merriam-webster.com	dcruzo	72.102.90.139	Divavu	2016-07-01	09:28:00	
26	Jack	Rice	jricep@wordpress.com	eburtonp	82.179.235.193	Devbug	2015-10-10	15:44:00	
27	Paula	Ryan	pryanq@nhs.uk	kmurphyq	41.111.2.11	Topicware	2016-03-31	16:06:00	
28	Jose	Anderson	jandersonr@upenn.edu	ggarrettr	114.52.220.194	Vimbo	2016-07-27	19:45:00	
29	Stephen	Camobell	scamobells@answers.com	dhowells	172.157.90.1	Skippad	2016-07-07	12:34:00	

View Design

Steps

- Microsoft Excel Writer
- Pentaho Reporting Output
- Properties Output
- RSS Output
- S3 File Output
- SQL File Output
- Salesforce Delete
- Salesforce Insert
- Salesforce Update
- Salesforce Upsert
- Serialize to file
- Synchronize after merge
- Table output**
- Text file output
- Update
- XML Output

- > Transform
- > Utility
- > Flow
- > Scripting
- > BA Server

Bem-vindo!

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