



Flat Import

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Flat Import

This document details how to import data from a flat ASCII file using the General Fixed Width ASCII method. This method is appropriate only if you do not have the source data in an industry standard format, such as SSS, Quantum, or SPS/ASC. If in one of these formats, use the appropriate Import type directly.

The scenario here assumes that you have the data map as a Word or other human-prepared document, and you must therefore manually map the metadata from the document to a machine-readable format.

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CREATE A TEST JOB

• On the DP tab, select New Job



• Complete the New Job form as

🗈 New Job
Jobs Directory D:\Ruby\Jobs
Job Name FlatTest
Default Base cwf
Initial Config D:\Ruby\Jobs\Template.ini
Initial Vartree D:\Ruby\Jobs\Template.vtr
Cancel Chelp

IDENTIFY DATA FILE

• On the DP tab, click Import

🀠 🗋		Ruby6	i4: Testi	ng		-					
Ruby	Home	View	Tools	Analysis	Scripting	DP	Help				
诸 Case	Count	Cases: 5	0000			Ne	dol w	🔗 Clear		Import	🛛 🖓 Au
Now 🕓		Last upd	late: 14/1	2/2009 1:3	1:28 PM	12 Dat	te Rules	🚹 Info	ŧ	VarTree	Lis Lis
		St	atus				Setu	qu			

• Start a new import of type Fixed Width ASCII

Imports Import Label Import Label Import Label Source file Import Details Spec. Import I Data Import I Dype Fixed Width ASCII Unknown Syst Satat map SpSS.SPS Import Load Write files when memor SpSS.SPS Write files when memor SpSS.SPS Update progress court Blend SPSS.SPS Blend SPSS.SAV Vertical read Blend SPSS.SAV Vertical read	🔄 Import Data	X
Source file Spec Data Blend Overw Vartree b Memory Management SPSS .SPS Write files when memor SpSS .SPS Update progress count Blend SPSS .SPS Write files when memor SPSS .SAV Update progress count Blend SPSS .SPS Blend SPSS .SAV Vertical read Blend SPSS .SAV Vertical read Cose Yelp	Imports	
Spec. Name Import1 Data Import1 Blend Import1 Overw Unknown Vatree br Import1 Delimited ASCII Import1 Memory Management SSS data map SPSS.SPS emory Load Update progress court Blend SPSS.SPS Blend SPSS.SAV Vertical read Blend SPSS.SAV Vertical read Blend SPSS.SAV Ses Import1 Ses Import1 Ses Run Close	Source file Import Details	
Blend Type Fixed Width ASCII Overw Unknown SurveyCraft Delimited ASCII Delimited ASCII Fixed Width ASCII Memory Management SPSS data map SPSS .SAV emory Load Update progress count Blend SPSS .SPS Blend SPSS .SAV Vertical read Image: Sport Specific S	Spec Name Import1	
Overw Overwork Vatree br SurveyCraft Delimited ASCII Fixed Width ASCII Memory Management SSS data map SPSS .SPS emory Load Write files when memory SPSS .SAV Update progress count Blend SPSS .SPS Blend SPSS .SAV Vertical read	Blend Type Fixed Width ASCII	
Memory Management SSS data map SPSS .SPS Write files when memory Update progress count SPSS .SAV Update progress count Blend SPSS .SPS Blend SPSS .SAV Vertical read Vertical read Vertical read Image: Specific structure Vertical read Image: Specific structure	Overw Vartree br	
Update progress count Blend SPSS .SPS Blend SPSS .SAV Test Cases 5 8 Run Close Pelp	Memory Management SSS data map SPSS .SPS Write files when memory SPSS .SAV emory Load	
Test Cases 5 Run Close Pelp	Update progress count Blend SPSS .SPS Blend SPSS .SAV	
	Test Cases 5 Run	Close Help

• Click the data browse button

🔄 Import Data	
Imports	
Import1 -	Settings
Fixed Width ASCII	Audit
	Variables
Source file	
Spec	
Data 🛄	
Overwrite Frames Clean HTML etc from labels	and descriptions
Overwrite Data	Partial Import

- Navigate to \Ruby\Jobs\BEST\SSS\Source\All
- Change the file type to All Files
- Select DemoWk1to200.asc

🐠 Open	×
C C C C C C C C C C C C C C C C C C C	✓ 4y Search All
Organize 🔻 New folder	i= 🗸 🗍 🔞
SSS CaseData CaseData Docs Media Reports Scripts Source 2001 2002 2003	No preview available.
Image: 2004 Image: 2005 Image: All Image: DemoWk1to200.asc	► All Files (*.*) Open ▼ Cancel

• Answer Yes to the prompt

Question		8
?	Copy DemoWk1to200.asc to job source dir?	
	Yes No	

BUILD THE CRD FILE

• Click the Settings button

Imports		C Sattinga
E Import1	•	Jeungs
Fixed Widtl	h ASCII	Audit
		🚺 Variables
Source file		
Spec.		
Data D:\Ruby\Jobs\F	FlatTest\Source\DemoWk1te	200.asc
Overwrite Frames	Clean HTML etc from	labels and descriptions

This opens the Card Image Specification form. Three variables will be extracted:

- CPF, Category Purchase Frequency, a single response variable in one column
- TMBA, Top of Mind Brand Awareness, a single response variable in two columns
- UOBA, Unaided Other Brand Awareness, a multiresponse variable in six columns

CPF

🔘 Card Ima	age Specifica	ition								c		3
	1/10	11/20	21/30	31/40	41/50	51/60		61/70	71/80	81/90	91/100	
Case 1	~~~151132	~~7~2~4~	~~~~~~	~~~13~12	~~~1~2~3	~5~6~7	~8	~~~5~6~7	~~~~~~	~~~2~3~5	~~~~~	~
Case 2	~~~151233	~~7~2~4~	~~~~~2	~~~1~~1~	~~~1~2~3	~6~9~~	~~	~~~2~4~8	~~~~~	~~~3~5~6	~9~~~~	~
Case 3	~~~152231	3~6~2~7~	~~~~~~	~~~2~~1~	~~~2~3~4	~6~9~~	~~	~~~2~3~4	~710~~~~	~~~4~~~	~~~~~	~
•												Þ
			Raw	data in groups	s of 10	fron	ı	D:\Ruby\Jo	obs\FlatTest	\Source\Dem	oWk1to200]
<mark>2़</mark> dun	nmy		Name	CPF				Expand	1			
			Description	Category Pu	rchase Frequ	iency						
			Columns	8								
			Columns per r	esponse ()								
			Example	3 3 3								
			Data Type (Code Type (Number Build	•	Cards pe Columns p	er cas er ca	se 1				
						Card n	umb	er 0/0				
			Add Q Data Type									
			Delete Write MET									
			V Ok		Cancel		6	Help				
	1/1									0/0		

One variable (dummy) is already available.

- Click on dummy in the left panel
- Change the name, description and columns as shown above
- Change DataType to 'Number' and Code Type to 'Build'

When you tab out of the Columns field the Example field updates to show you the data in the first few rows.

'Build' means a code frame will be built from every unique code encountered during import.

TMBA

🔘 Card Im	♥ Card Image Specification										
	1/10	11/20	21/30	31/40	41/50	51/60	61/70	71/80	81/90	91/100	
Case 1	~~~151132	~~7~2~4~	~~~~~~	~~~13~12	~~~1~2~3	~5~6~7~8	~~~5~6~7	~~~~~~	~~~2~3~5	~~~~~	~
Case 2	~~~151233	~~7~2~4~	~~~~2	~~~1~~1~	~~~1~2~3	~6~9~~~	~~~2~4~8	~~~~~~	~~~3~5~6	~9~~~~	~
Case 3	~~~152231	3~6~2~7~	~~~~~~	~~~2~~1~	~~~2~3~4	~6~9~~~	~~~2~3~4	~710~~~~	~~~4~~~	~~~~~	~
•				- -							Þ
			Raw	data in groups	s of 10	from	•• D:\Ruby\J	obs\FlatTest	\Source\Dem	noWk1to200]
2º CPF			Name	ТМВА			Expan	в			
	nmy		Description	Top of Mind	Brand Awar	eness					
			Columns	11/12							
			Columns per n	esponse ()							
			Evample	7							
			LXampie	6							
			Data Type 🛛	Number	-	Cards per c	ase 1				
			Code Type	Build	- (Columns per o	ard 80				
						Card nur	ber 0/0				
			ſ	<u> </u>							
			l	🔁 Add							
				Delete							
	2/2		√ Ok		X Cancel		Help		0/0		

Click Add

This updates the CPF variable in the left and creates a new dummy variable.

- Change the name, description and columns as shown above
- Change DataType to 'Number' and Code Type to 'Build'

TMBA can have code 10 so it covers two columns.

UOBA

Card Image Specification													
	1/10	11/20	21/30	31/40	41/50	51/60	61/70	71/80	81/90	91/100			
Case 1	~~~151132	~~7~2~4~	~~~~~~	~~~13~12	~~~1~2~3	~5~6~7~8	~~~5~6~7	~~~~~~	~~~2~3~5	~~~~~	~		
Case 2	~~~151233	~~7~2~4~	~~~~~2	~~~1~~1~	~~~1~2~3	~6~9~~~~	~~~2~4~8	~~~~~	~~~3~5~6	~9~~~~	~		
Case 3	~~~152231	3~6~2~7~	~~~~~~	~~~2~~1~	~~~2~3~4	~6~9~~~~	~~~2~3~4	~710~~~~	~~~4~~~	~~~~~	~		
•											Þ		
			Raw	data in group:	s of 10	from .	• D:\Ruby\J	obs\FlatTest	\Source\Dem	oWk1to200]		
20 CPF			Name	UOBA			Expand	ł					
20 IM	3A 1mv		Description	Unaided Oth	er Brand Aw	areness							
			Columns	13/24									
			Columns per r	esponse 2									
		-	Evample	2; 4									
			LXample	2; 4 2; 7; 8									
			Data Type	Number	•	Cards per ca	ase 1	2					
			Code Type	Build	- (Columns per c	ard 80						
						Card num	ber 0/0						
			ſ	<u> </u>			-/-						
			Add Q Data Type										
			Contraction Contra										
			Ok.		Cancel		Help						
	3/3				Cancer		Пор		0/0				

- Click Add to create a new dummy
- Change the name, description and columns as shown above
- Change DataType to 'Number' and Code Type to 'Build'
- Set Columns per response to 2

UOBA is a multi-response question with up to three responses up to code 10. Each response covers two columns. The example shows the first three cases again and this time they are multi response.

SAVE THE CRD FILE

🔾 Card Ima	age Specifica	ition									
	1/10	11/20	21/30	31/40	41/50	51/60	61/70				
Case 1	~~~151132	~~7~2~4~	~~~~~~	~~~13~12	~~~1~2~3	~5~6~7~8	~~~5~6~7	~~			
Case 2	~~~151233	~~7~2~4~	~~~~2	~~~1~~1~	~~~1~2~3	~6~9~~~~	~~~2~4~8	~-			
Case 3	~~~152231	3~6~2~7~	~~~~~	~~~2~~1~	~~~2~3~4	~6~9~~~~	~~~2~3~4	~7			
•											
	Test		Raw	data in groups	s of 10	from .	• D:\Ruby\J	obs			
2 CPF	:		Name	UOBA			📃 Expand	d			
20 IM	ва ВА		Description	Unaided Oth	er Brand Aw	areness					
_			Columns	13/24							
Import Data				Settino:				×			
	Fixed Width	ASCII	•	Setting:	s						
Source file											
Spec <mark>. •••</mark> D Data ••• D):\Ruby\Jobs\Fla):\Ruby\Jobs\Fla	tTest\Source\Te	est.crd emoWk1to200.a	ISC							
🔲 Ov Vartre	Overwrite Frames Overwrite Data Partial Import Vartree branch Source Link variable										
Memory Mana Write f Updat	Memory Management Write files when memory load is 70 % Memory Load = 40 Update progress counter every 2 % Vertical read										
Match	Data	Type 5	Cases		Run	Close	Help				

Back in the Import form the saved CRD file is identified as the Spec file.

RUN IMPORT

Click Run



Question		83
?	Confirm importing D:\Ruby\Jobs\FlatTest\Source\DemoWk1to200.asc to job FlatTest	
	Yes No	

- Confirm the import
- Close the Import form

The Status should show 10,000 cases and you can now use the imported variables as table axes.



ADD CODE LABELS

To give meaning to your data you will need to add labels to codes in the Variables form.

• Open the Variables form on the DP tab

Ruby Home View Tools Analysis Scripting	DP Help		
Last update: 8/01/2016 6:41:08 PM	New Job 🔗 Clear 🗸	↓Import An	uto Pace Variables E Code Li sts Menus X Utilitie
Status	Setup		Tasks

👄 Edit Variable				
Source ● CPF • 1=1 • 2=2 • 3=2	Info Cases 10000 Import name Data type Unknown	CPF Expand Uncoded • • • CPF • • • CPF		
● 4=4 ● 5=5 ● ● TMBA ● ● UOBA	Default Plot settings Y2 Bar No Filter No roll No Weight	 1=Once a day 2=Several times a week 3=3 4=4 5=5 		
	Default Specification settings			
	Type Length None I Start 1Jan2000 Missing	6/6		
		Frame Code Arithmetic Self Code 3		
		Label 3		
29/29 🔽 Codes	Edit			
Variable AKA Description		Close Help		

- Double click on a variable on the left to load it
- Click on the first code on the right
- Edit its label in the Label field
- Press [Enter] to store and drop to the next label

The Label field is a Hit-Enter-For-Next field that means you stay in the field while editing similar objects. Enter drops to the next object.

THE CRD FILE FORMAT

In case you don't want to bother with the GUI the card file format is quite transparent. Test.CRD has this content

```
[CPF]
Columns=8/8
DataType=Number
CodeType=Build
[TMBA]
Columns=11/12
DataType=Number
CodeType=Build
[UOBA]
Columns=13/24
DataType=Number
CodeType=Build
ColsPerRsp=2
```