

# FoodCASE training

## Practical part 1: Finding Information



FOODCASE

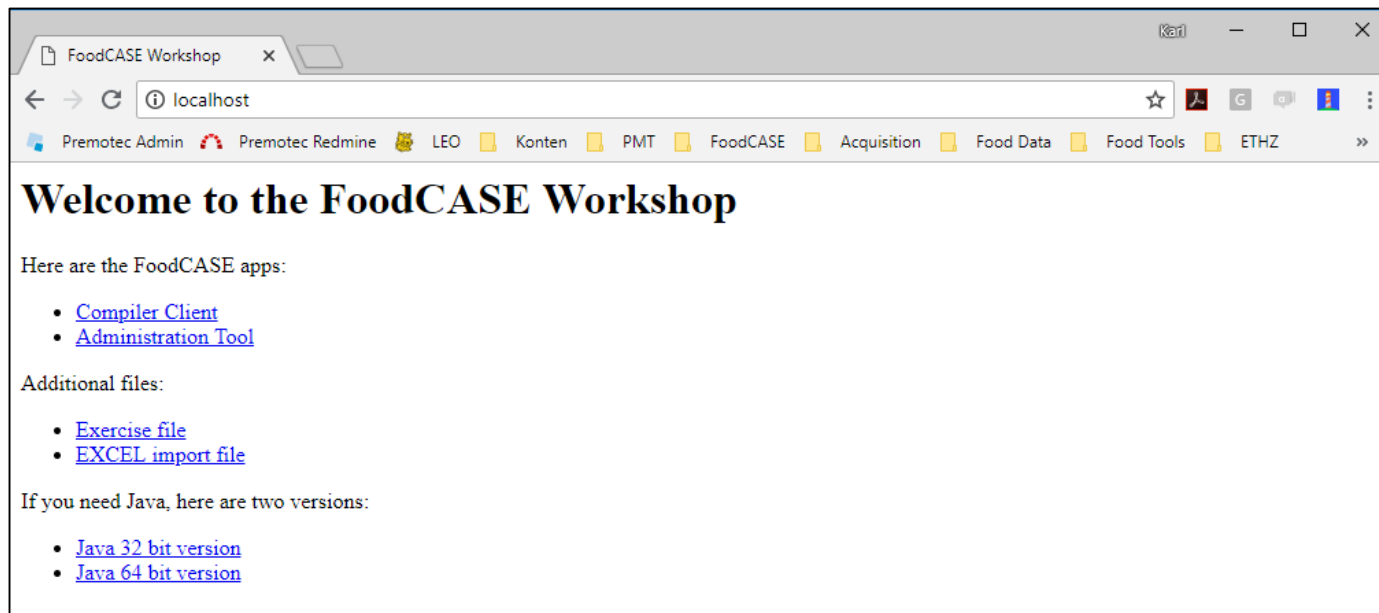
# Start FoodCASE

# Wireless Network

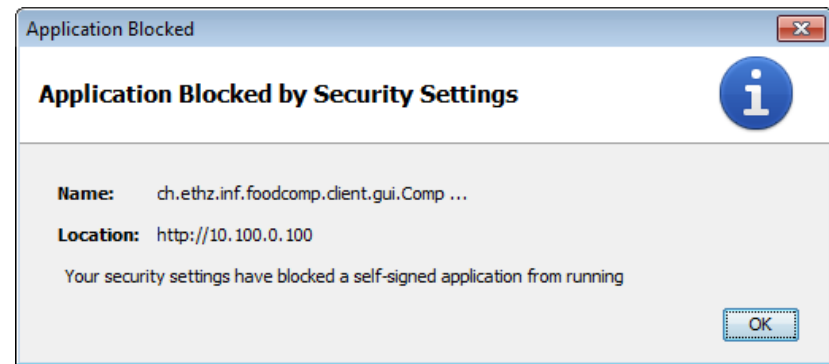
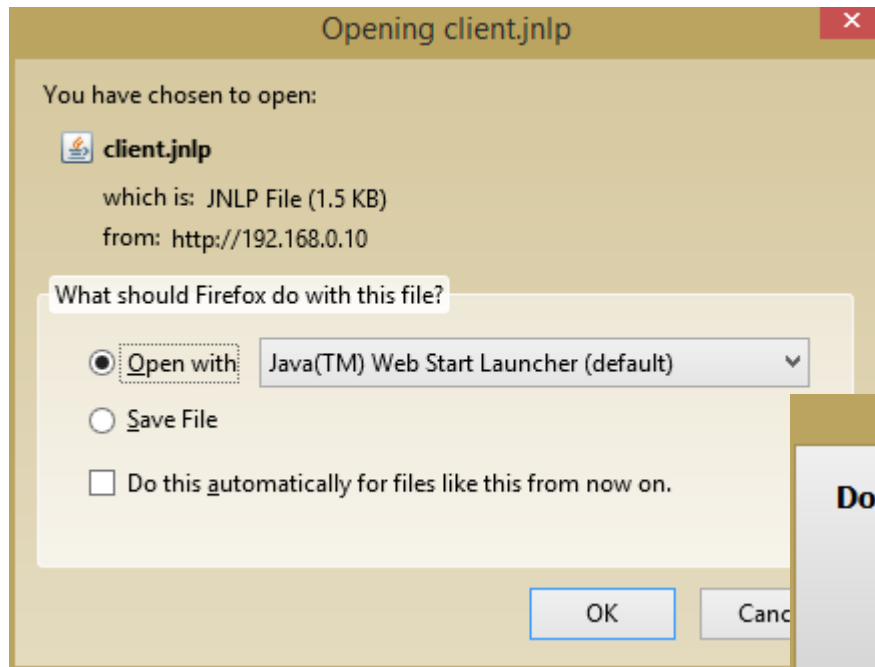
- Connect to the wireless networks  
**FoodCASE**
- Passwort: FoodCASE
- There is **no** Internet connection

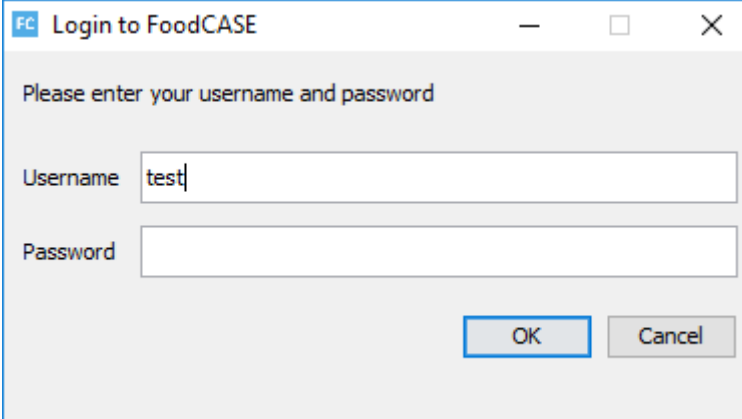
# URL

- Open a web browser (Internet Explorer, Firefox, etc.) and open the URL <http://192.168.0.2>



# Click on FoodCASE-Risk Client





FC Login to FoodCASE

Please enter your username and password

Username test

Password

OK Cancel

- Username: test
- Password: Welcome

CH Datenbank TEST v2.0.0 RC6

File View Tools Help

Single Values Aggregated Values Recipes References Versions

**Food Search**

Food criteria

Column <all columns>

Function contains

Term

Case sensitive  Ignore time

Component criteria

Component

< >

And  Or

< >

Search Clear

**Component Search**

Column <all columns>

Function contains

Term

Case sensitive  Ignore time

Search Clear

**Aggregated foods**

Databas...	Aggrega...	Databas...	Name	English N.
68492	10727		10727	10727
14641	6160		1+1 Fruchtnektar Apfel-Orangen (Migros)	1+1 Fruch
14640	6159		1. August-Wegge mit Schokolade (Migros)	1. August
14639	6158		1. August Weggli (Migros)	1. August
14642	6161		3-Korn-Butterzopf (Migros)	3-Korn-Bu
4980	1397		4 Back- & Speisefarben (Dr. Oetker)	4 baking 8
14643	6162		Aarebrot dunkel (Migros)	Aarebrot c
14644	6163		Aarebrot hell (Migros)	Aarebrot l
13589	5108		Aare Schüblig (Migros)	Aare Schü

Refresh 10073 rows Open

**Aggregated components**

Databas...	Compon...	Code	Compon...	Value	Unit	Matrix Unit	Value Ty
<							

Refresh 0 rows Open

**Contributing single values**

Databas...	Compon...	Code	Compon...	Value	Unit	Matrix Unit	Quality
<							

Refresh 0 rows Open

**Clipboard**

Batch Cooking

ID	Name

Refresh Batch process Clear

ID	Name

Refresh Batch process Clear

# Structure of FoodCASE



FoodCASE V1.4.4

File View Tools Help

Single Values Aggregated Values Recipes References Versions

Food Search  
Component Search  
Food Markers  
Value Markers  
Language Codes

single foods

Single...	Name	Category	English Name
3	Alaska-Seelachsfilets (Coop...		Alaska pollock filet (Coop...
4	Äpler Macaroni, Knorr Hütt...		Aelpler Macaroni, Knorr H...
5	Äplermaccheroni (Migros), ...		Aelpler Macaroni (Migros)
8	Ananas, roh		Pineapple, fresh
10	Apfel, geschält, getrocknet		Apple, peeled, dried
11	Apfel, roh		Apple, fresh
12	Apfelmus, gezuckert (Coop)		Applesauce, sweetened (
15	Apfelsaft		Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Refresh 970 rows Open New...

single components: Apfelsaft

Singl...	Code	Component Name	Value	Unit	...	Value Ty
16911	ALC	alcohol	0.0	g	V	value ty
38741	RETOLAT	all-trans retinol	0.0	ug	V	best est
38740	RETOLATE	all-trans retinol equival...	0.0	ug-RE	V	best est
38742	CARTBEQ	beta-carotene equivale...	0.0	BCE	V	value ty
16913	CA	calcium	6.666666...	mg	V	value ty
40643	CHO	carbohydrate	10.83488...	g	V	value ty
16924	CHOT	carbohydrate, total	10.83488...	g	V	value ty
16914	CLD	chloride	2.0	mg	V	value ty
16915	CHORL	cholesterol	0.0	mg	V	logical z
16919	FAT	fat, total	0.1	g	V	value ty

Refresh 36 rows Open New... Duplicate Clipboard

Clipboard

Aggregation Cooking Batch

Sin...	Fo...	Code	Value	Unit	Ma...
--------	-------	------	-------	------	-------

Create Aggregated Food  
Clear

**search** **look** **work**

FoodCASE V1.4.4

File View Tools Help

Single Values Aggregated Values Recipes References Versions

Clipboard

Aggregation Cooking Batch

Sin... Fo... Code Value Unit Ma...

Food Search  
Component Search  
Food Markers  
Value Markers  
LanguaL Codes

Single foods

Single...	Name	Category	English Name
3	Alaska-Seelachsfilets (Coop...		Alaska pollock filet (Coop...
4	Äpler Macaroni, Knorr Hütt...		Aelpler Macaroni, Knorr H...
5	Äplermaccheroni (Migros), ...		Aelpler Macaroni (Migros)
8	Ananas, roh		Pineapple, fresh
10	Apfel, geschält, getrocknet		Apple, peeled, dried
11	Apfel, roh		Apple, fresh
12	Apfelmus, gezuckert (Coop)		Applesauce, sweetened (
15	Apfelsaft		Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Refresh 970 rows Open New...

Single components: Apfelsaft

Singl...	Code	Component Name	Value	Unit	...	Value T...
16911	ALC	alcohol	0.0	g	V	value ty
38741	RETOLAT	all-trans retinol	0.0	ug	V	best est
38740	RETOLATE	all-trans retinol equival...	0.0	ug-RE	V	best est
38742	CARTBEQ	beta-carotene equivale...	0.0	BCE	V	value ty
16913	CA	calcium	6.56666...	mg	V	value ty
40643	CHO	carbohydrate	10.83488...	g	V	value ty
16924	CHOT	carbohydrate, total	10.83488...	g	V	value ty
16914	CLD	chloride	2.0	mg	V	value ty
16915	CHORL	cholesterol	0.0	mg	V	logical z
16919	FAT	fat, total	0.1	g	V	value ty

Refresh 36 rows Open New... Duplicate Clipboard

Create Aggregated Food  
Clear

**Foods**

**Components**

FoodCASE V1.4.4

File View Tools Help

Single Values Aggregated Values Recipes References Versions

Food Search  
Component Search  
Food Markers  
Value Markers  
LanguaL Codes

Single foods

Single...	Name	Category	English Name
3	Alaska-Seelachsfilets (Coop...		Alaska pollock filet (Coop...
4	Äpler Macaroni, Knorr Hütt...		Aelpler Macaroni, Knorr H...
5	Äplermaccheroni (Migros), ...		Aelpler Macaroni (Migros)
8	Ananas, roh		Pineapple, fresh
10	Apfel, geschält, getrocknet		Apple, peeled, dried
11	Apfel, roh		Apple, fresh
12	Apfelmus, gezuckert (Coop)		Applesauce, sweetened (
15	Apfelsaft		Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Refresh 970 rows Open New...

Single components: Apfelsaft

Singl...	Code	Component Name	Value	Unit	...	Value T...
16911	ALC	alcohol	0.0	g	V	value ty
38741	RETOLAT	all-trans retinol	0.0	ug	V	best est
38740	RETOLATE	all-trans retinol equival...	0.0	ug-RE	V	best est
38742	CARTBEQ	beta-carotene equivale...	0.0	BCE	V	value ty
16913	CA	calcium	6.666666...	mg	V	value ty
40643	CHO	carbohydrate	10.83488...	g	V	value ty
16924	CHOT	carbohydrate, total	10.83488...	g	V	value ty
16914	CLD	chloride	2.0	mg	V	value ty
16915	CHORL	cholesterol	0.0	mg	V	logical z
16919	FAT	fat, total	0.1	g	V	value ty

Refresh 36 rows Open New... Duplicate Clipboard

Clipboard

Aggregation Cooking Batch

Sin...	Fo...	Code	Value	Unit	Ma...
--------	-------	------	-------	------	-------

Create Aggregated Food  
Clear

FoodCASE V1.4.1

File View Tools Help

Single Values Aggregated Values Recipes References Versions

Food Search  
Component Search  
Food Markers  
Value Markers  
LanguaL Codes

Single foods

Single...	Name	Category	English Name
3	Alaska-Seelachsfilets (Coop...		Alaska pollock filet (Coop...
4	Äpler Macaroni, Knorr Hütt...		Aelpler Macaroni, Knorr H...
5	Äplermaccheroni (Migros), ...		Aelpler Macaroni (Migros)
8	Ananas, roh		Pineapple, fresh
10	Apfel, geschält, getrocknet		Apple, peeled, dried
11	Apfel, roh		Apple, fresh
12	Apfelmus, gezuckert (Coop)		Applesauce, sweetened (
15	Apfelsaft		Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Refresh 970 rows Open New...

Single components: Apfelsaft

Singl...	Code	Component Name	Value	Unit	...	Value T...
16911	ALC	alcohol	0.0	g	V	value ty
38741	RETOLAT	all-trans retinol	0.0	ug	V	best est
38740	RETOLATE	all-trans retinol equival...	0.0	ug-RE	V	best est
38742	CARTBEQ	beta-carotene equivale...	0.0	BCE	V	value ty
16913	CA	calcium	6.666666...	mg	V	value ty
40643	CHO	carbohydrate	10.83488...	g	V	value ty
16924	CHOT	carbohydrate, total	10.83488...	g	V	value ty
16914	CLD	chloride	2.0	mg	V	value ty
16915	CHORL	cholesterol	0.0	mg	V	logical z
16919	FAT	fat, total	0.1	g	V	value ty

Refresh 36 rows Open New... Duplicate Clipboard

Clipboard

Aggregation Cooking Batch

Sin...	Fo...	Code	Value	Unit	Ma...
--------	-------	------	-------	------	-------

Create Aggregated Food  
Clear

# Functionalities of FoodCASE

FoodCASE V1.4.4

File View Tools Help

Single Values Aggregated Values Recipes References

Food Search  
Component Search  
Food Markers  
Value Markers  
Language Codes

Single foods

Single...	Name	Code	English Name
3	Alaska-Seelachsfilets (Coop...		Alaska pollock filet (Coop...
4	Äpfel Macaroni, Knorr Hütt...		Aelpler Macaroni, Knorr H...
5	Äpfelmaccheroni		Aelpler Macaroni (Migros)
8	Ananas, roh		Pineapple, fresh
10	Apfel, geschält, getrocknet		Apple, peeled, dried
11	Apfel, roh		Apple, fresh
12	Apfelmus, gezuckert (Coop)		Applesauce, sweetened (
15	Apfelsaft		Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Adapt panel height

Adapt column width

Adapt panel width

Change column position

Single...	Code	Component Name	Value	Unit	Value Ty
16911	ALC	alcohol	0.0	g	value ty
38741	ATL	all-trans retinol	0.0	ug	best est
38740	ATRA	all-trans retinol equivale	0.0	ug	best est
38742	CARTBEQ	beta-carotene equivale	0.0	ug	value ty
16913	CA	calcium	0.0	g	value ty
40643	CHO	carbohydrate	0.0	g	value ty
16924	CHOT	carbohydrate	0.0	g	value ty
16914	CLD	chloride	0.0	g	value ty
16915	CHORL	cholesterol	0.0	g	value ty
16919	FAT	fat, total	0.0	g	value ty

Clipboard

Aggregation Cooking Batch

Sin...	Fo...	Code	Value	Unit	Ma...
--------	-------	------	-------	------	-------

970 rows

Refresh 36 rows

Create Aggregated Food

Clipboard

Clear



FoodCASE V1.4.4

File View Tools Help

Single Values Aggregated Values Recipes References

**Filter columns**

Single foods

Single ...	Name	Category	English Name
3	Alaska-Seelachsfilets (Coop...)	(?)	Alaska pollock filet (Coop)
4	Äpler Macaroni, Knorr Hütt...	(Blanks)	Aelpler Macaroni, Knorr H
5	Äplermaccheroni (Migros), ...	(Non Blanks)	Aelpler Macaroni (Migros),
8	Ananas, roh	(Custom)	Pineapple, fresh
10	Apfel, geschält, getrocknet	Frucht- und G	Apple, peeled, dried
11	Apfel, roh	Getreide und c	Apple, fresh
12	Apfelmus, gezuckert (Coop)	Getreideriegel	Applesauce, sweetened (
15	Apfelsaft	Getreideriegel	Apple juice
16	Apfelwein, 4 % vol		Cider, 4% vol
17	Apfelwein, 6.2 % vol		Cider, 6.2% vol

Refresh 970 rows Open New...

**Sort columns**

Single components Apfelsaft

Singl...	Code	Component Name	Value	Unit	...	Value Ty
16911	ALC	alcohol	0.0	g	V	value typ
38741	RETOLAT	all-trans retinol	0.0	ug	V	best estim
38740	RETOLATE	all-trans retinol equival...	0.0	ug-RE	V	best estim
38742	CARTBEQ	beta-carotene equivale...	0.0	BCE	V	value typ
16913	CA	calcium	6.666666...	mg	V	value typ
40643	CHO	carbohydrate	10.83488...	g	V	value typ
16924	CHOT	carbohydrate, total	10.83488...	g	V	value typ
16914	CLD	chloride	2.0	mg	V	value typ
16915	CHORL	cholesterol	0.0	mg	V	logical ze
16919	FAT	fat, total	0.1	g	V	value typ

Refresh 36 rows Open New... Duplicate Clipboard

Clipboard

Aggregation Cooking Batch

Sin...	Fo...	Code	Value	Unit	Ma...
--------	-------	------	-------	------	-------

Create Aggregated Food

Clear



# Searching in FoodCASE

# Food Search Panel

▼ Food Search

Food criteria

Column: <all columns>

Function: contains

Term:

Case sensitive  Ignore time

Component criteria

Component:  ...

<

And  Or

...

<

Search Clear

Single Food ID	Name	English Name
6168	Actilife Benecol Joghur...	Actilife Benecol Joghurt Drink Orange (...)
6359	Anna's Best India Man...	Anna's Best India Mango Lassi (Migros)
6358	Anna's Best India Kala...	Anna's Best India Kalamansi Lassi (Migros)
6709	Bifidus Probiotic Drink ...	Bifidus Probiotic Drink Vanille (Migros)
282	Erdnuss	Peanut
438	Kefe, roh	Sugar pea, raw

## Sample Queries:

- 1) Find All foods with term **Peanut** in it
- 2) Find All foods with term **Milk** in it where the **PROT** is > than **10 AND FAT** is < 5

# Component Search Panel

▼ Component Search

Column <all columns> ▼

Function contains ▼

Term

Case sensitive  Ignore time

Single foods

Single Food ID	Name	English Name
...	438 Kefe, roh	Sugar pea, raw
...	7124 Califora au Chocolat D...	Califora au Chocolat Drink (Migros)

Single components Kefe, roh

Single Food ID	Code	Compon...	Value
438	ALC	Proximates	0
438	RETOLAT	Retinoids	0
438	RETOLATE	Vitamin A an...	0
438	CARTB	Carotenoids	520
438	CARTBEQ	Vitamin A an...	520
438	CA	Macroleme...	20
438	CHO	Carbohydra...	10
438	CHOT	Carbohydra...	15

Sample Queries:

- 1) Find All components in food **Kafe, roh** where **Value > than 10**

# Food Marker Search panel

▼ Food Markers

Aggregated Food

- Generisches LM für Erhebung (nicht public!)
- Erhebung
- Coop
- Hug
- Migros
- Nestle
- Oswald
- Unilever
- Schaer
- Nestle 2014
- Sponser 2014
- Andros 2014
- Zweifel 2014
- Rivella 2014
- Familia 2014

Add Remove Refresh

Negation	Marker	Operator
NOT	Migros 2013	And
	Hug 2013	

Search Clear

Sample Queries:

- 1) Find All foods that do **NOT** have Migros 2013 marker **AND** have Hug 2013 marker.

# Value Marker Search Panel

Value Markers

Single Value

- Delete whole entry!
- Check aggregation (eg include or exclude from aggregation)
- Include in aggregation
- Exclude from Aggregation
- I translation fehlt

Add Remove Ret

Negation	Marker	Operator

Search Clear

Same as Food Marker Panel but works on components level.

Sample Queries:

- 1) Find All Single Values that do **NOT** have **Include in aggregation** marker **AND** have **Exclude in Aggregation**.

# Lingual Code Search Panel

▼ Lingual Codes

- root
  - A. PRODUCT TYPE
  - B. FOOD SOURCE
  - C. PART OF PLANT OR ANIMAL
  - E. PHYSICAL STATE, SHAPE OR FORM
  - F. EXTENT OF HEAT TREATMENT
  - G. COOKING METHOD
  - H. TREATMENT APPLIED
  - J. PRESERVATION METHOD
  - K. PACKING MEDIUM
  - M. CONTAINER OR WRAPPING
  - N. FOOD CONTACT SURFACE
  - P. CONSUMER GROUP/DIETARY USE/LABEL CLAIM
  - R. GEOGRAPHIC PLACES AND REGIONS
  - Z. ADJUNCT CHARACTERISTICS OF FOOD

Nega...	Marker	Op...
	A0001 (PRODUCT TYPE, NOT ...	Or
	A0113 (SPICE OR HERB (U.S.))	

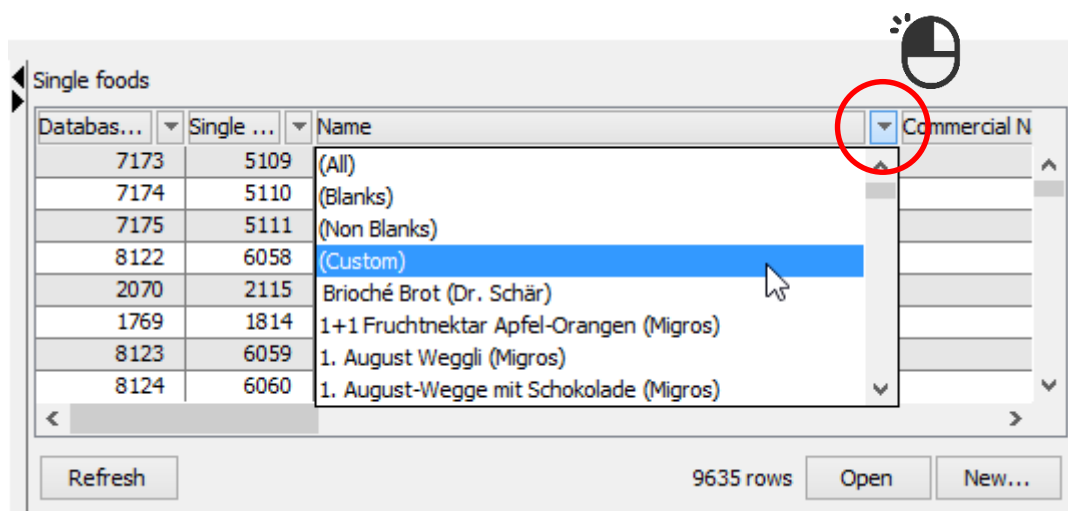
Add Remove Search Clear

Buttons and functionality similar to Value Marker.

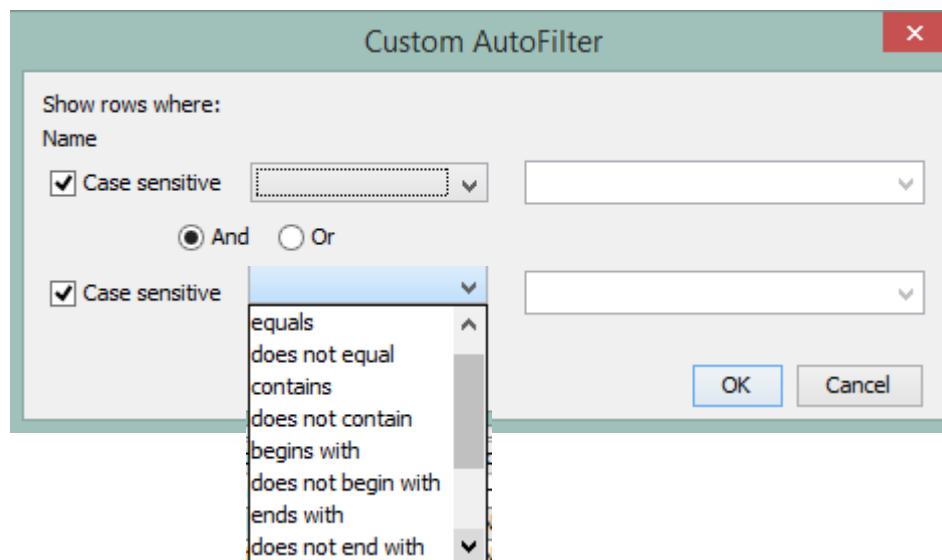
Sample Queries:

- 1) Find All foods that have lingual code A0001 OR have A0113.

# Searching with filter function



# Searching with filter function



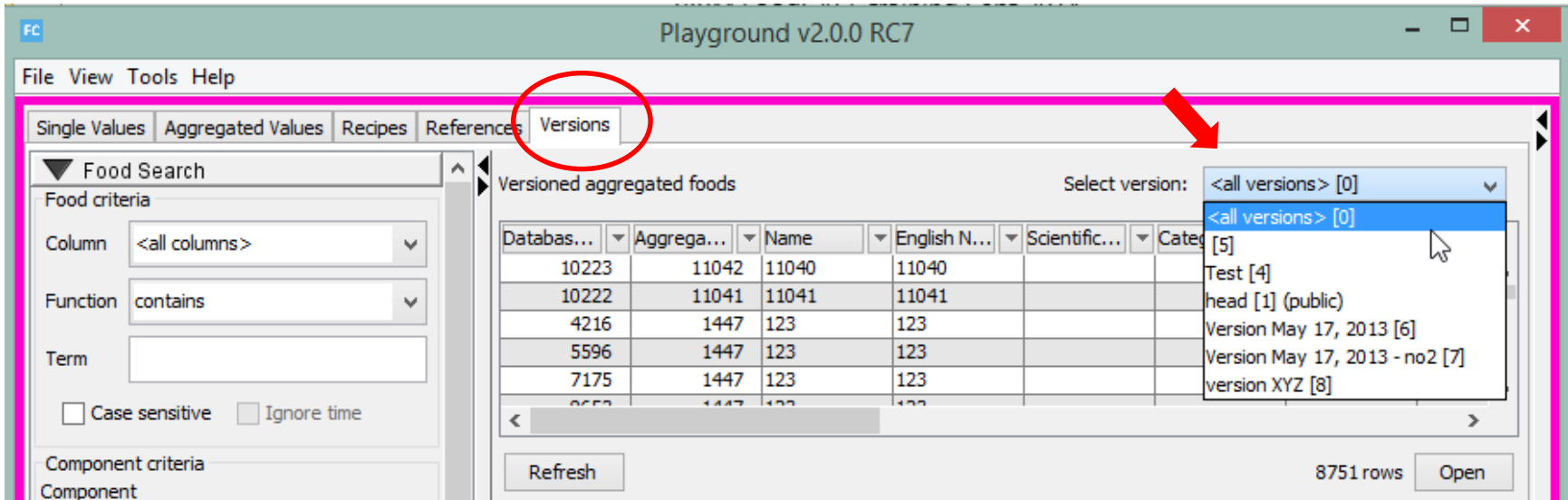
Sample Queries:

- 1) Find All foods that have **Category** Alcoholic Drinks AND NOT have Bier.



# Compare database versions

# Selecting version



File View Tools Help

Single Values Aggregated Values Recipes References **Versions**

Food Search

Food criteria

Column: <all columns>

Function: contains

Term:

Case sensitive  Ignore time

Component criteria

Component

Versioned aggregated foods

Select version: <all versions> [0]

- <all versions> [0]
- [5]
- Test [4]
- head [1] (public)
- Version May 17, 2013 [6]
- Version May 17, 2013 - no2 [7]
- version XYZ [8]

Databas...	Aggrega...	Name	English N...	Scientific...	Categ
10223	11042	11040	11040		
10222	11041	11041	11041		
4216	1447	123	123		
5596	1447	123	123		
7175	1447	123	123		
...	...	...	...		

Refresh

8751 rows Open

# Comparing versions

Versioned aggregated foods Select version: <all versions> [0]

Version	Aggrega...	Name	English N...	Scientific...	Category	Edible Po...	N
Version May...	230	Äpler Macaroni, Kn...	Aepler Mac...				
Version XYZ	230	Äpler Macaroni, Kn...	Aepler Mac...				
head	372	Zwiebel, roh	Onion, raw		Salz und Ge...		
Test	372	Zwiebel, roh	Onion, raw		Meeresfrüch...		
	372	Zwiebel, roh	Onion, raw		Salz und Ge...		
Version May...	372	Zwiebel, roh	Onion, raw		Salz und Ge...		
Version May...	372	Zwiebel, roh	Onion, raw		Salz und Ge...		
version XYZ	372	Zwiebel, roh	Onion, raw		Salz und Ge...		
head	1075	Zwieback, Vollkorn	Zwieback w...		Brote und Br...		
Test	1075	Zwieback, Vollkorn	Zwieback w...				

Refresh 8751 rows Open

Aggregated components Multiple, see tooltip for complete list

Databas...	Compon...	Code	Value	Unit	Matrix Unit	Value Type	Acquisiti
182009	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
224959	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
155209	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
108264	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
8254	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
282397	fibre, total d...	FIBT	1.8	g	W	weighted	Value cr
286813	folate, total	FOL	20	ug	W	weighted	Value cr
112867	folate, total	FOL	20	ug	W	weighted	Value cr
8246	folate, total	FOL	20	ug	W	weighted	Value cr
159109	folate, total	FOL	20	ug	W	weighted	Value cr
236401	folate, total	FOL	20	ug	W	weighted	Value cr
193451	folate, total	FOL	20	ug	W	weighted	Value cr

Refresh 240 rows Open

# Let's begin Exercise



# Exercises

- 1b
- 1c without Value Markers and Language
- 1d
- 1e
- Open a foods and see what information can be managed
- Open values and see what information can be managed