PREMOTEC

FOODCASE

FoodCASE training

Practical part 3: Work with admin client

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EuroFIR European Food Information Resource

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Overview

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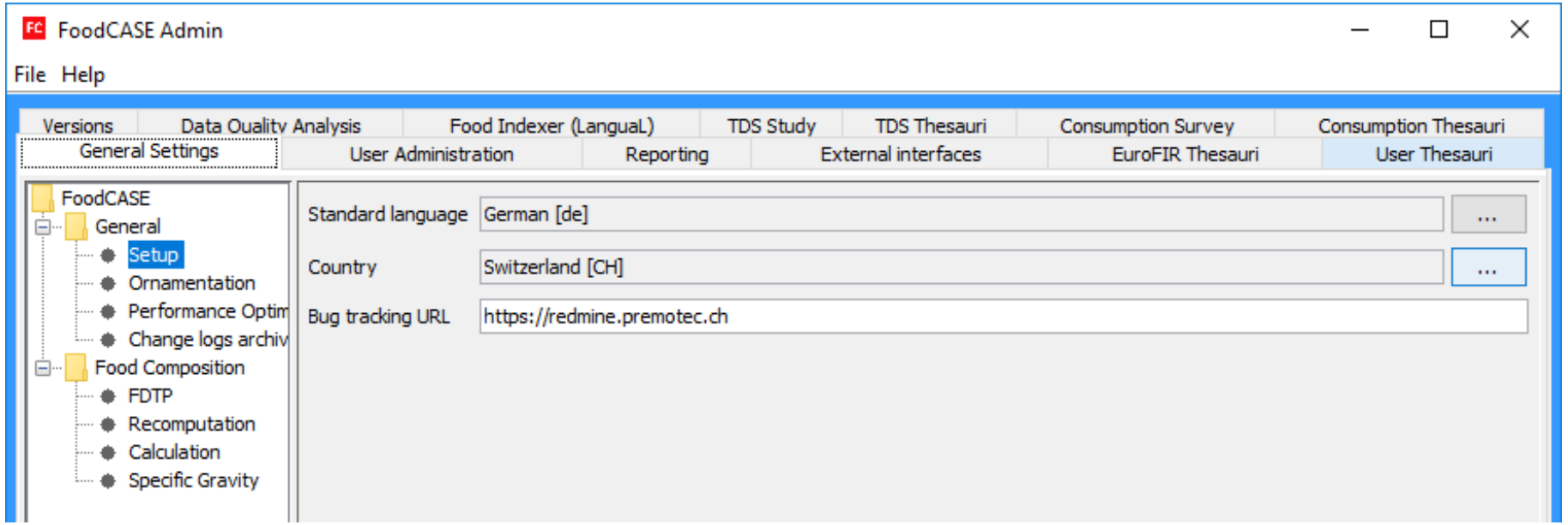
FoodCASE Admin
File Help
Versions
Data Quality Analysis
Food Indexer (LanguaL)
TDS Study
TDS Thesauri
Consumption Survey
Consumption Thesauri
General Settings
User Administration
Reporting
External interfaces
EuroFIR Thesauri
User Thesauri
FoodCASE
General
Setup
Ornamentation
Performance Optim
Change logs archiv
Food Composition
FDTP
Recomputation
Calculation
Specific Gravity
Standard language
German [de]
Country
Switzerland [CH]
Bug tracking URL
https://redmine.premotec.ch

General settings

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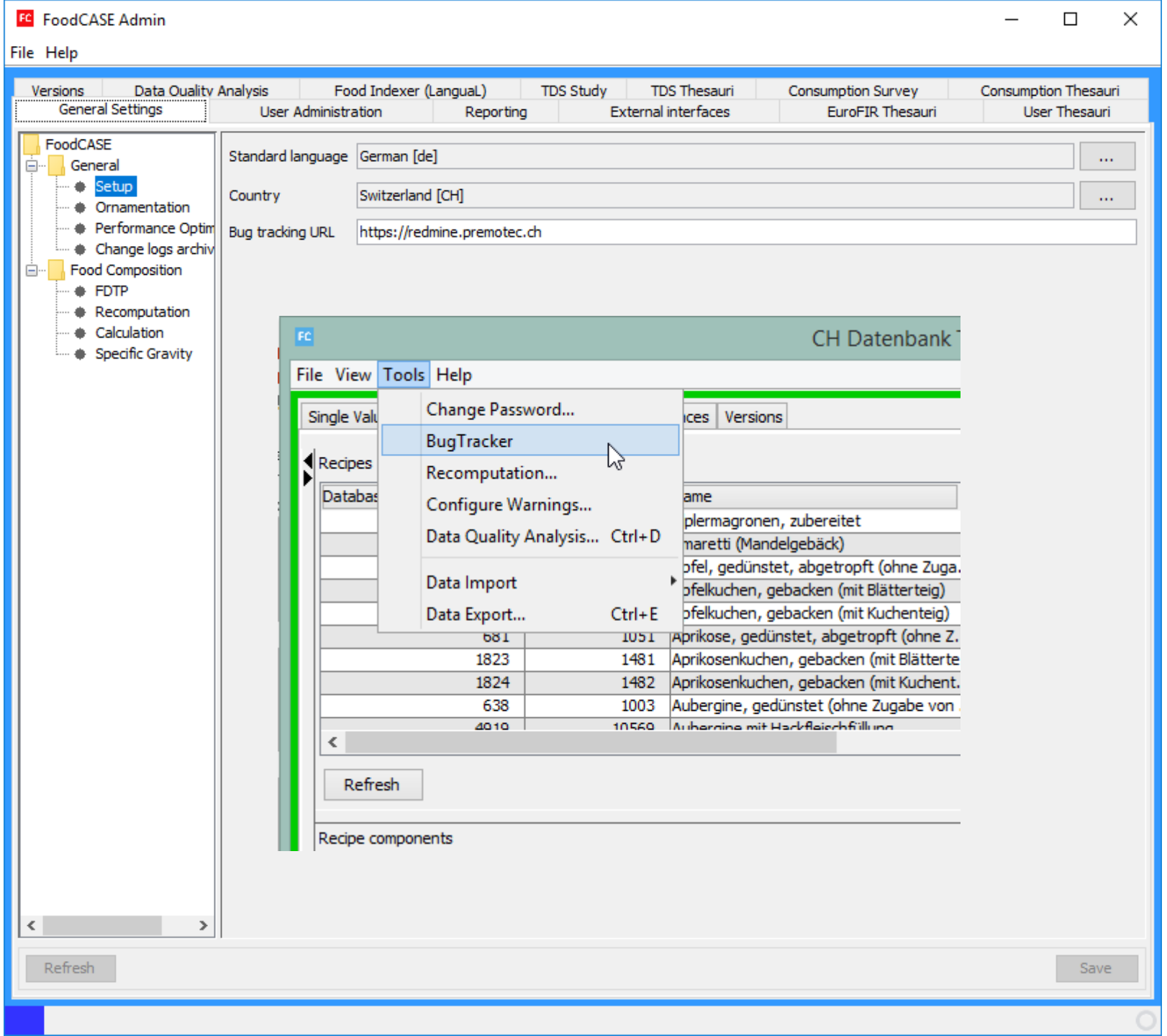
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TDS Thesauri
Consumption Survey
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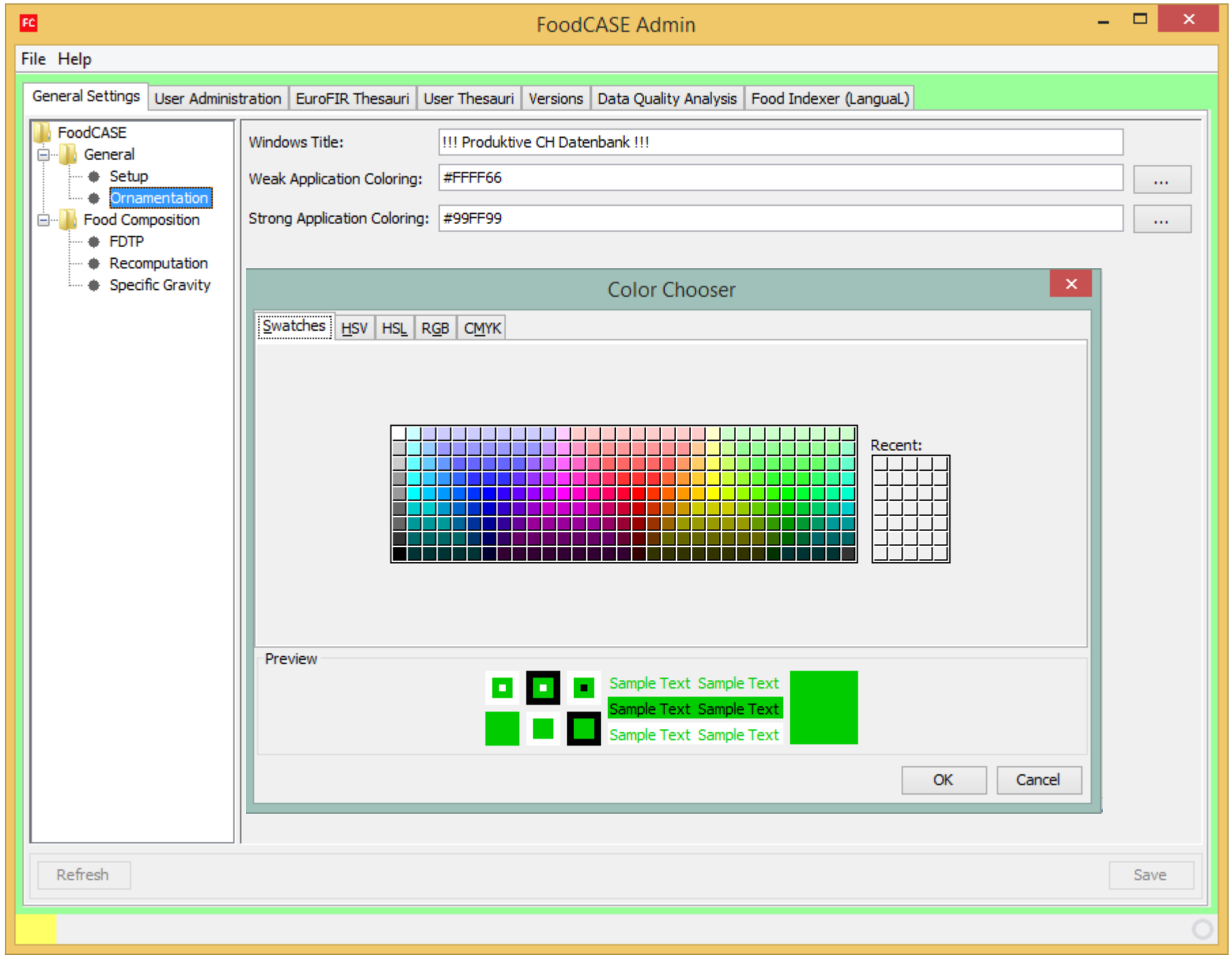
Performance Optim
Change logs archiv
Food Composition
FDTP
Recomputation
Calculation
Specific Gravity
Standard language
German [de]
Country
Switzerland [CH]
Bug tracking URL
https://redmine.premotec.ch
CH Datenbank
File View Tools Help
Change Password...
BugTracker
Recomputation...
Configure Warnings...
Data Quality Analysis... Ctrl+D
Data Import
Data Export... Ctrl+E
Single Valu
ces
Versions
Recipes
Databas
ame
plermagronen, zubereitet
maretti (Mandelgebäck)
ofel, gedünstet, abgetropft (ohne Zuga.
ofelkuchen, gebacken (mit Blätterteig)
ofelkuchen, gebacken (mit Kuchenteig)
681
1051
Aprikose, gedünstet, abgetropft (ohne Z.
1823
1481
Aprikosenkuchen, gebacken (mit Blätterte
1824
1482
Aprikosenkuchen, gebacken (mit Kuchent.
638
1003
Aubergine, gedünstet (ohne Zugabe von
Refresh
Recipe components
Refresh
Save


FoodCASE Admin
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User Administration
EuroFIR Thesauri
User Thesauri
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Data Quality Analysis
Food Indexer (LanguaL)
FoodCASE
General
Setup
Ornamentation
Food Composition
FDTP
Recomputation
Specific Gravity
Windows Title:
!!! Produktive CH Datenbank !!!
Weak Application Coloring:
#FFFF66
Strong Application Coloring:
#99FF99
Color Chooser
Swatches
HSV
HSL
RGB
CMYK
Recent:
Preview
Sample Text Sample Text
Sample Text Sample Text
Sample Text Sample Text
OK
Cancel
Refresh
Save

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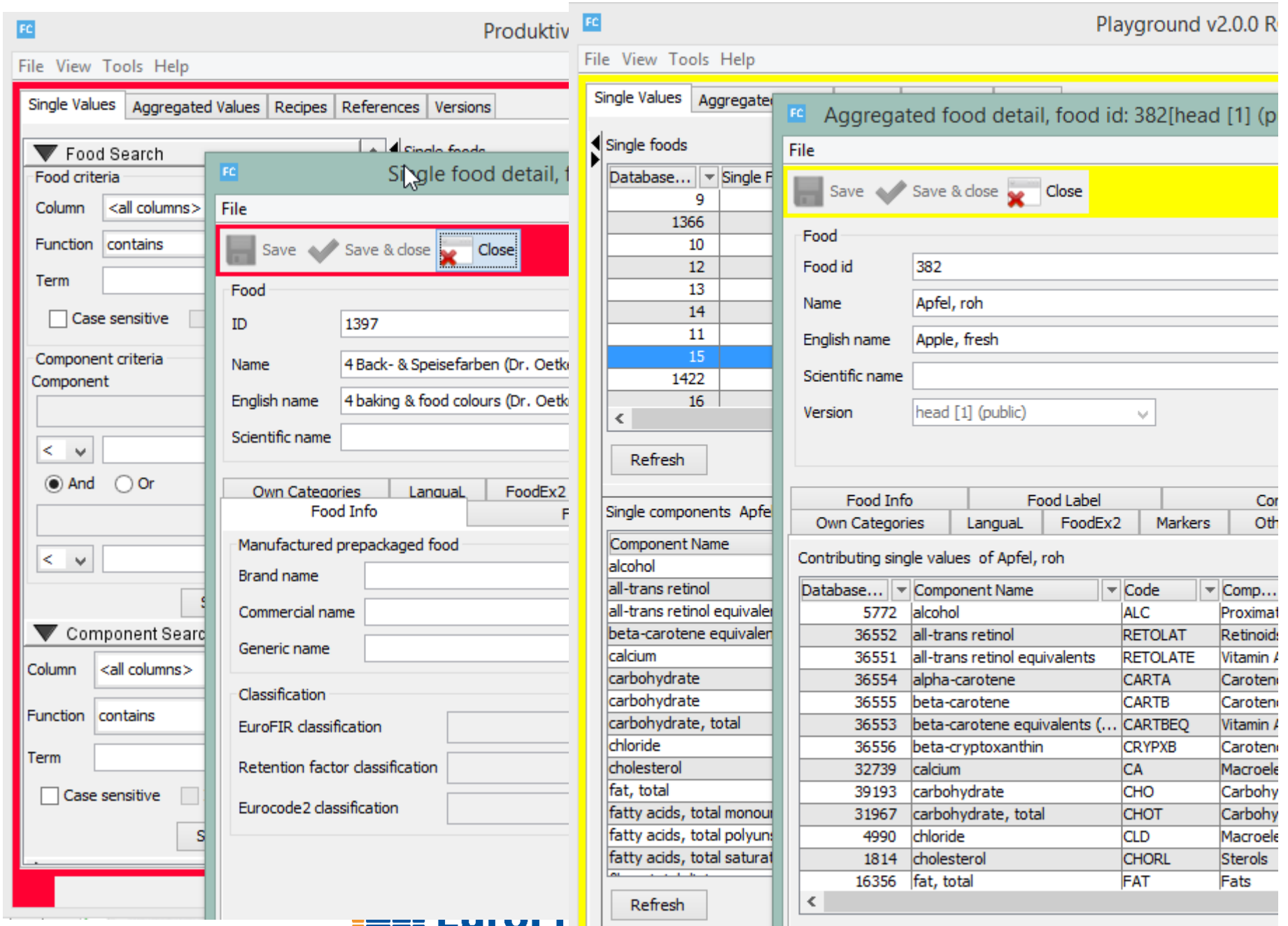

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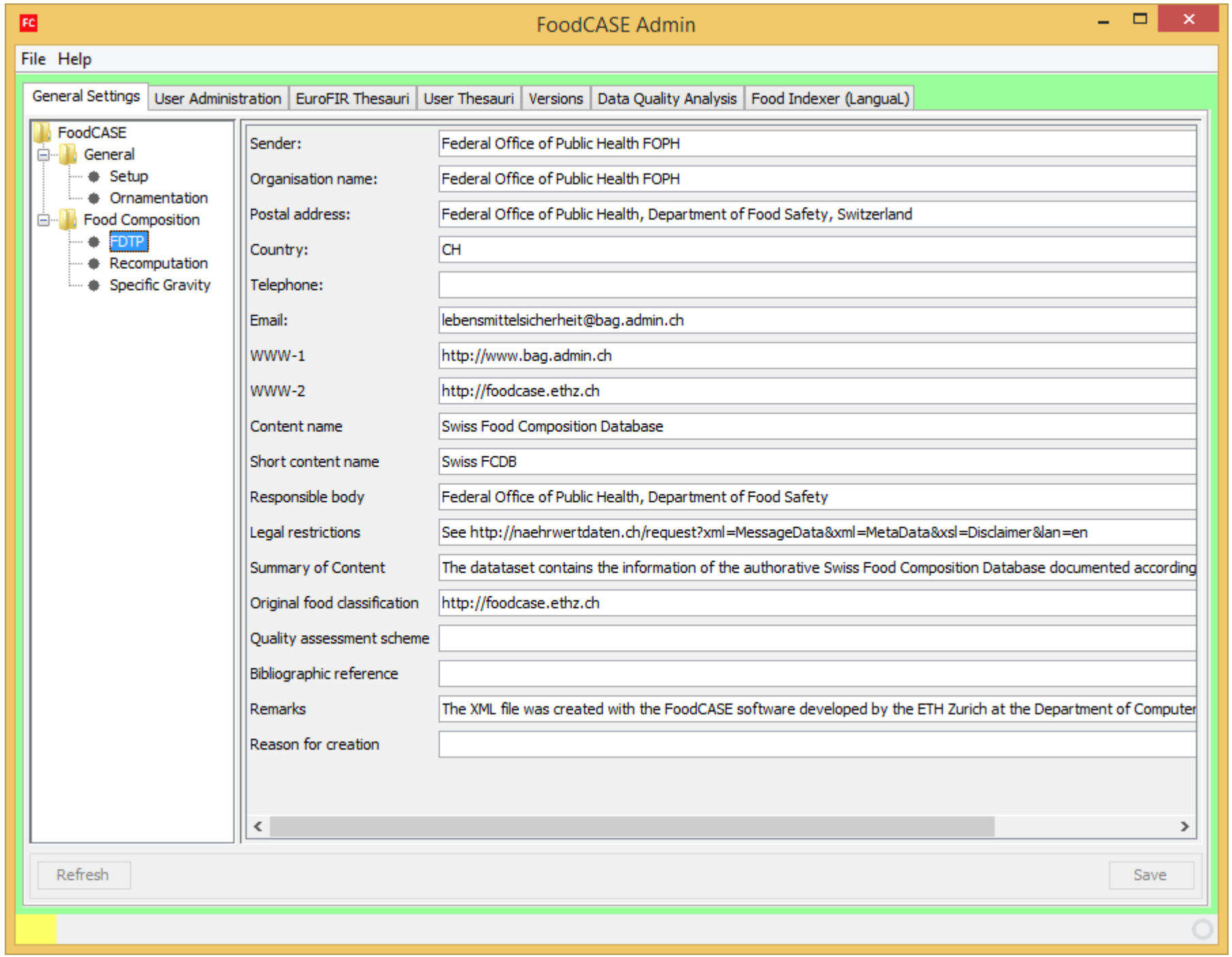
European Food Information Resource


FoodCASE Admin
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Data Quality Analysis
Food Indexer (LanguaL)
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General
Setup
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Specific Gravity
Sender: Federal Office of Public Health FOPH
Organisation name: Federal Office of Public Health FOPH
Postal address: Federal Office of Public Health, Department of Food Safety, Switzerland
Country: CH
Telephone:
Email: lebensmittelsicherheit@bag.admin.ch
WWW-1 http://www.bag.admin.ch
WWW-2 http://foodcase.ethz.ch
Content name Swiss Food Composition Database
Short content name Swiss FCDB
Responsible body Federal Office of Public Health, Department of Food Safety
Legal restrictions See http://naehrwertdaten.ch/request?xml=MessageData&xml=MetaData&xsl=Disclaimer&lan=en
Summary of Content The datataset contains the information of the authorative Swiss Food Composition Database documented according
Original food classification http://foodcase.ethz.ch
Quality assessment scheme
Bibliographic reference
Remarks The XML file was created with the FoodCASE software developed by the ETH Zurich at the Department of Computer
Reason for creation
Refresh
Save

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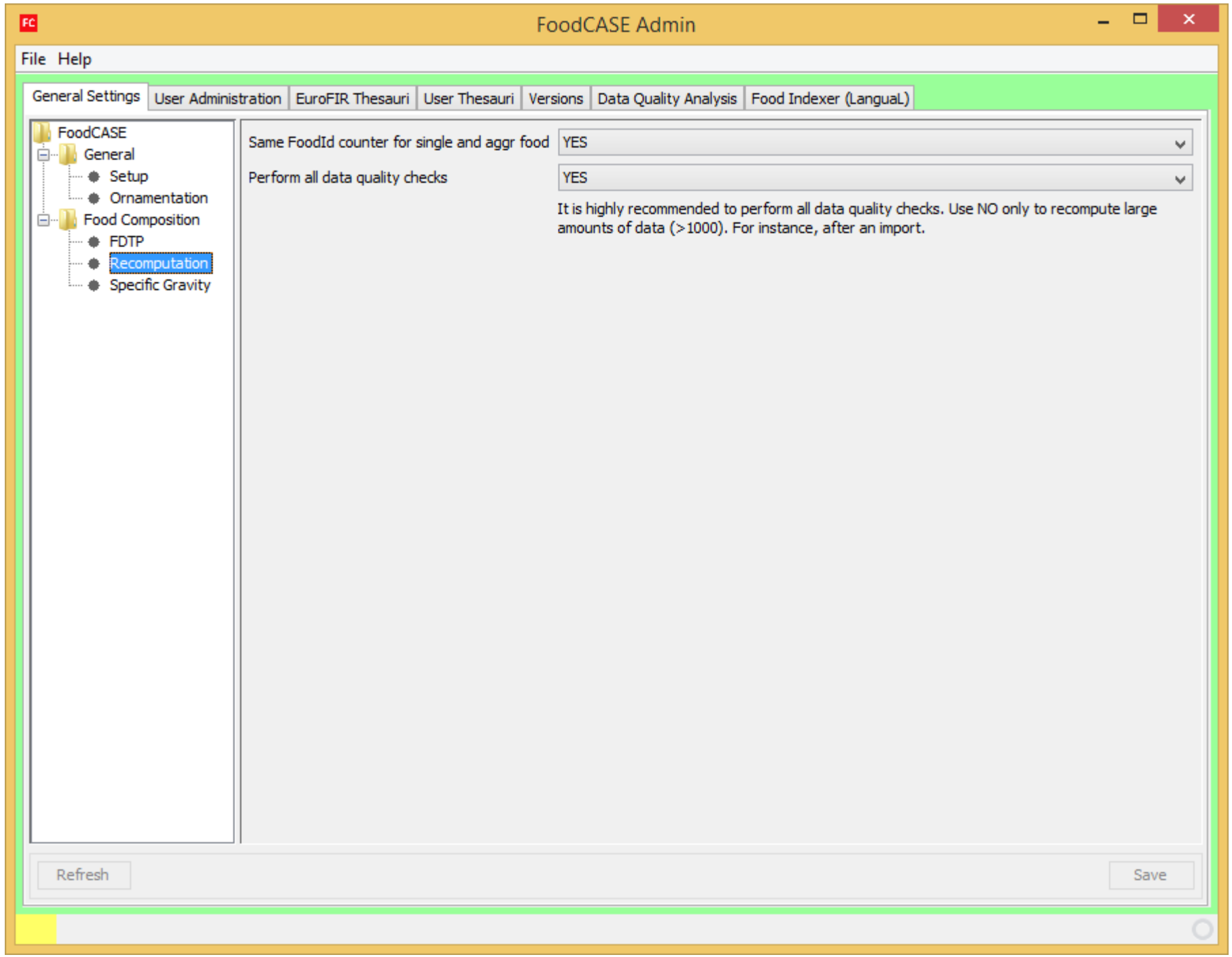
FoodCASE Admin
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User Administration
EuroFIR Thesauri
User Thesauri
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Data Quality Analysis
Food Indexer (LanguaL)
FoodCASE
General
Setup
Ornamentation
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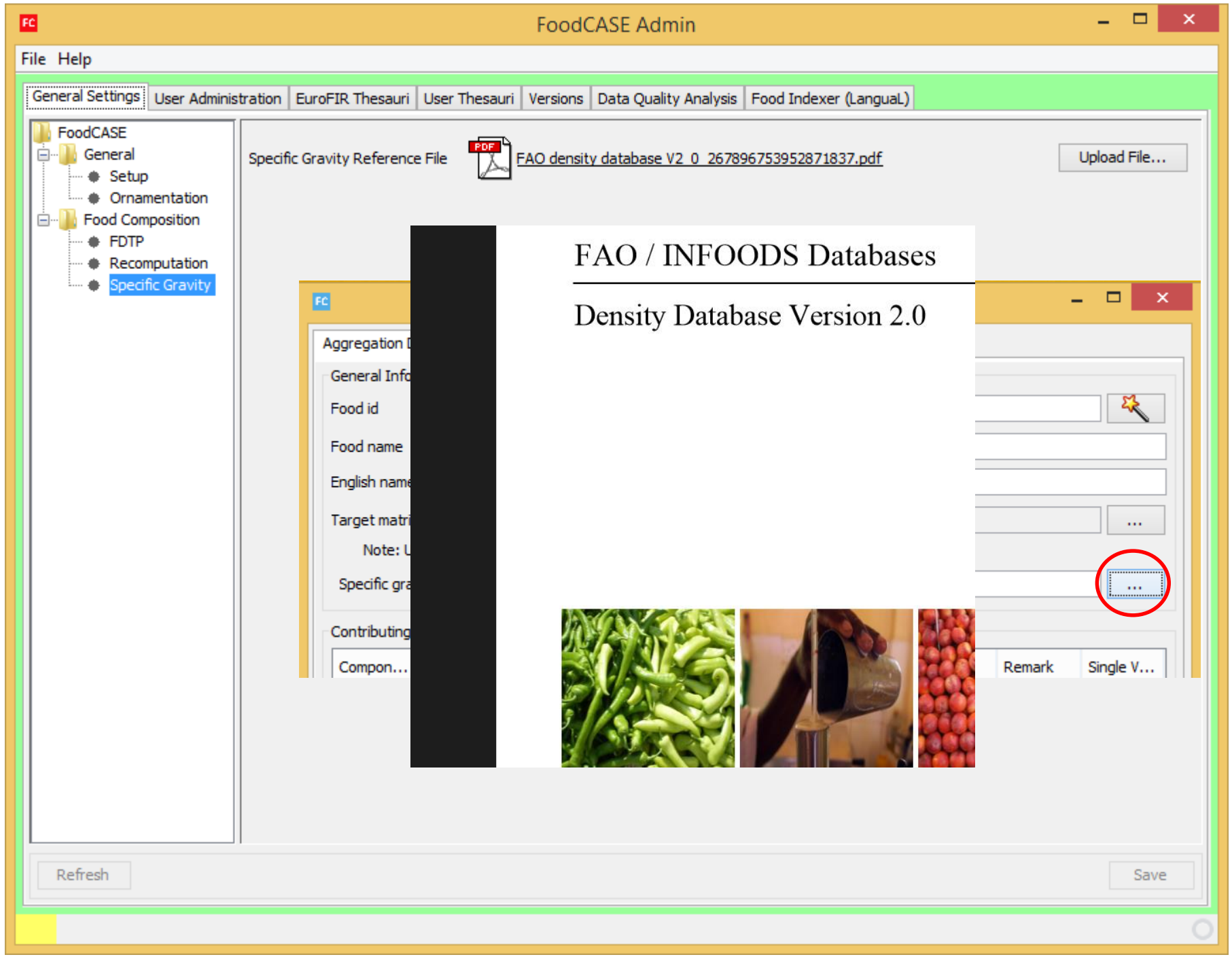
FDTP
Recomputation
Specific Gravity
Same FoodId counter for single and aggr food
YES
Perform all data quality checks
YES
It is highly recommended to perform all data quality checks. Use NO only to recompute large amounts of data (>1000). For instance, after an import.
Refresh
Save

FOODCASE


FoodCASE Admin
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EuroFIR Thesauri
User Thesauri
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Food Indexer (LanguaL)
FoodCASE
General
Setup
Ornamentation
Food Composition
FDTP
Recomputation
Specific Gravity
Specific Gravity Reference File
FAO density database V2_0_267896753952871837.pdf
Upload File...
FAO / INFOODS Databases
Density Database Version 2.0
Aggregation
General Info
Food id
Food name
English name
Target matri
Note: U
Specific gra
Contributing
Compon...
Remark
Single V...
Refresh
Save

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Let’s start the Admin client

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Exercises

- 3a
- 3b

User management

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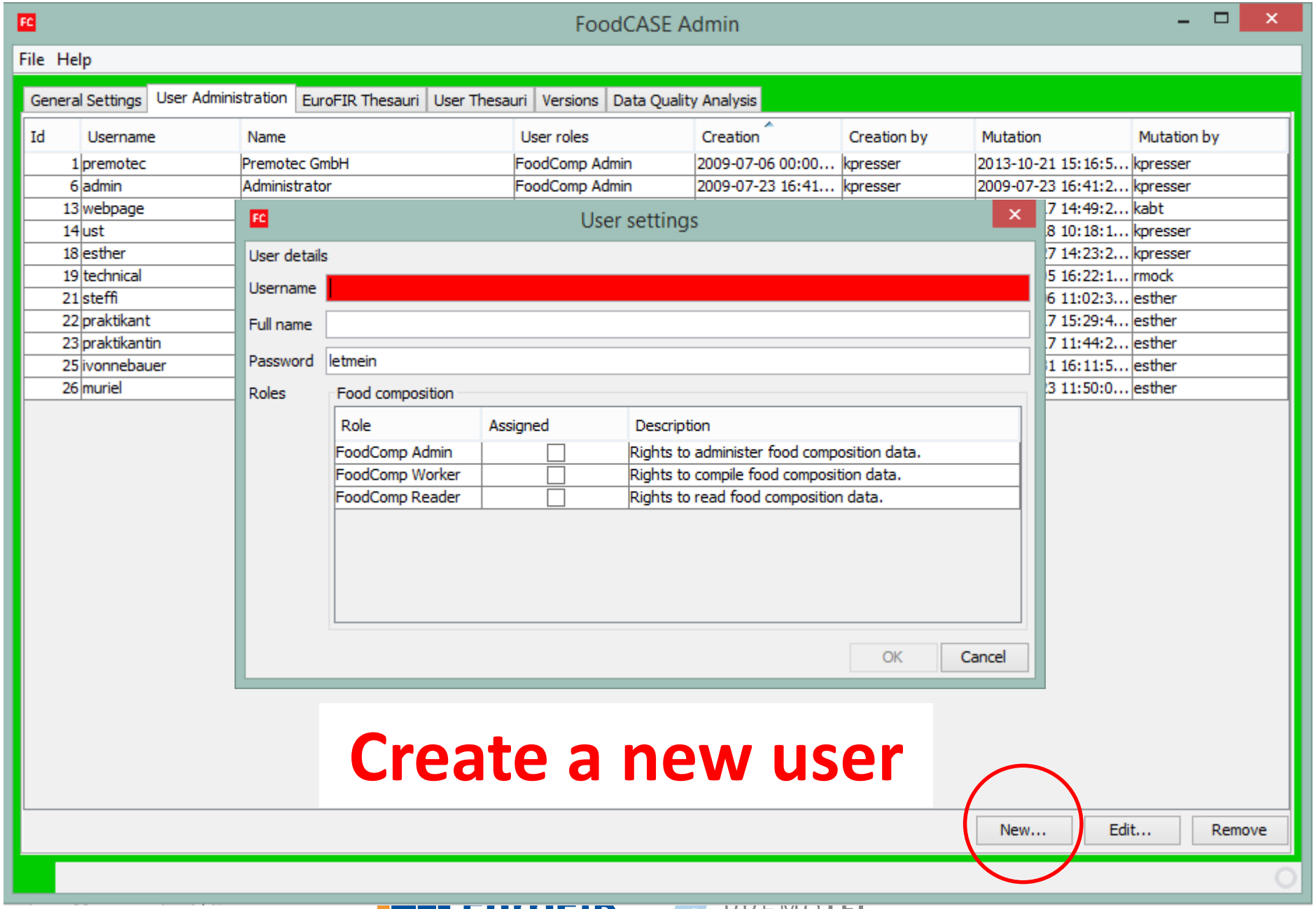

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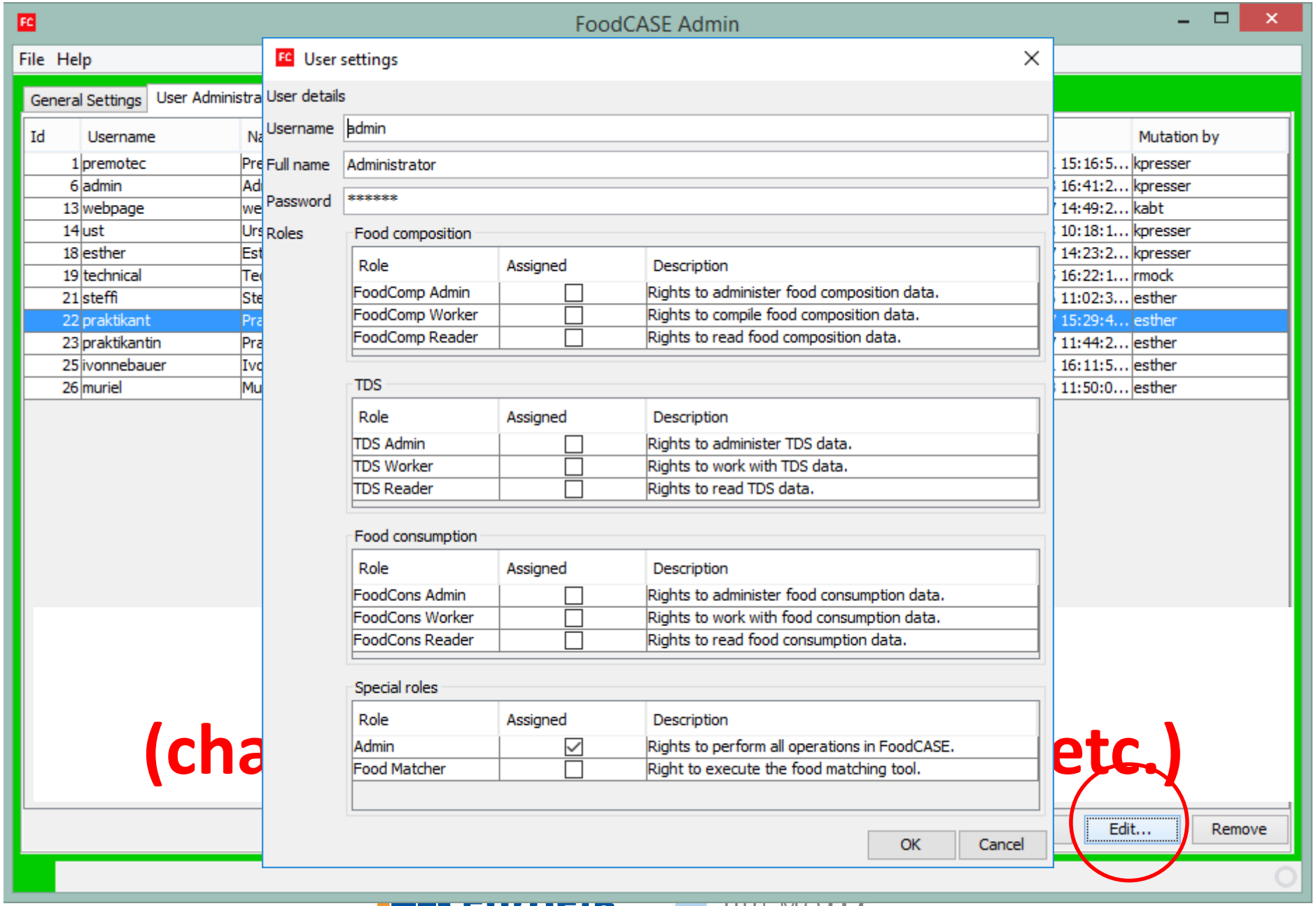

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User profiles

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- **Admin** -> can start compiler and admin client and can work in both clients
- **Worker** -> can start and work compiler client
- **Reader** -> can start and read compiler client (everything read-only)

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Let’s create some users

Exercises

- 3c
- 3d
- 3e

User thesauri

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User thesauri Components

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Significant digits and rounding rules

- 1.23 has 3 significant digits
- 0.0035 has 2 significant digits
- 10 has 1 significant digits
- 10.0 has 3 significant digits
- 560 has 2 significant digits
- 560. has 3 significant digits
- 560.0 has 4 significant digits
- 0.07000 has 4 significant digits

- 1.23×10^{0}
- 3.5×10^{-3}
- 1×10^{1}
- 1.00×10^{1}
- 5.6×10^{2}
- 5.60×10^{2}
- 5.600×10^{2}
- 7.000×10^{-2}

Good source:
https://www.khanacademy.org

Significant digits and rounding rules

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- Significant digits are independent of scale
- 1234.58 kJ
  - Significant digits 4 -> 1234 kJ
  - But scale is

scale 1	scale 10	scale 100	scale …
1234.58 -> 1234	1234.58 -> 1230	1234.58 -> 1200	…

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User thesauri
Food categories

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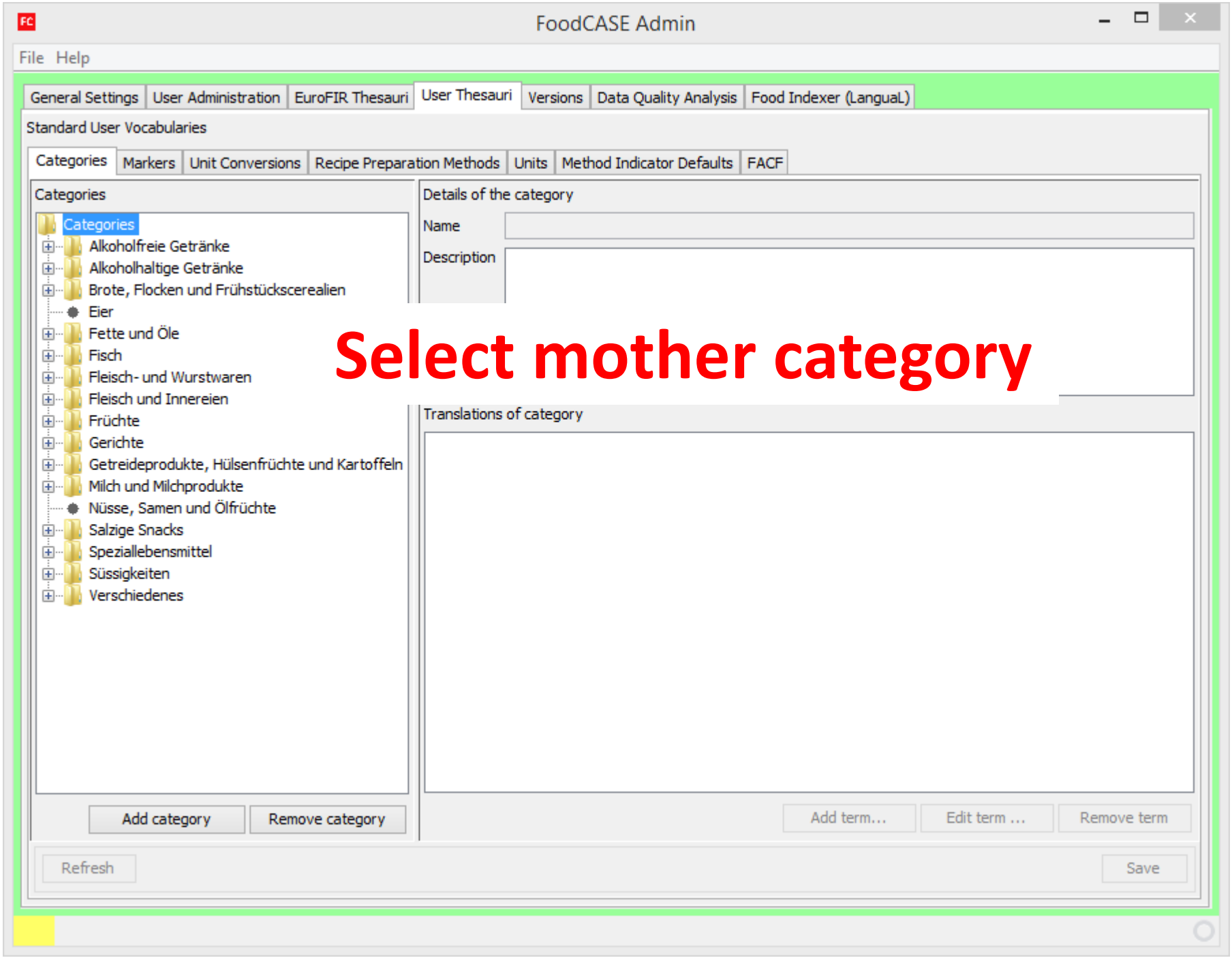
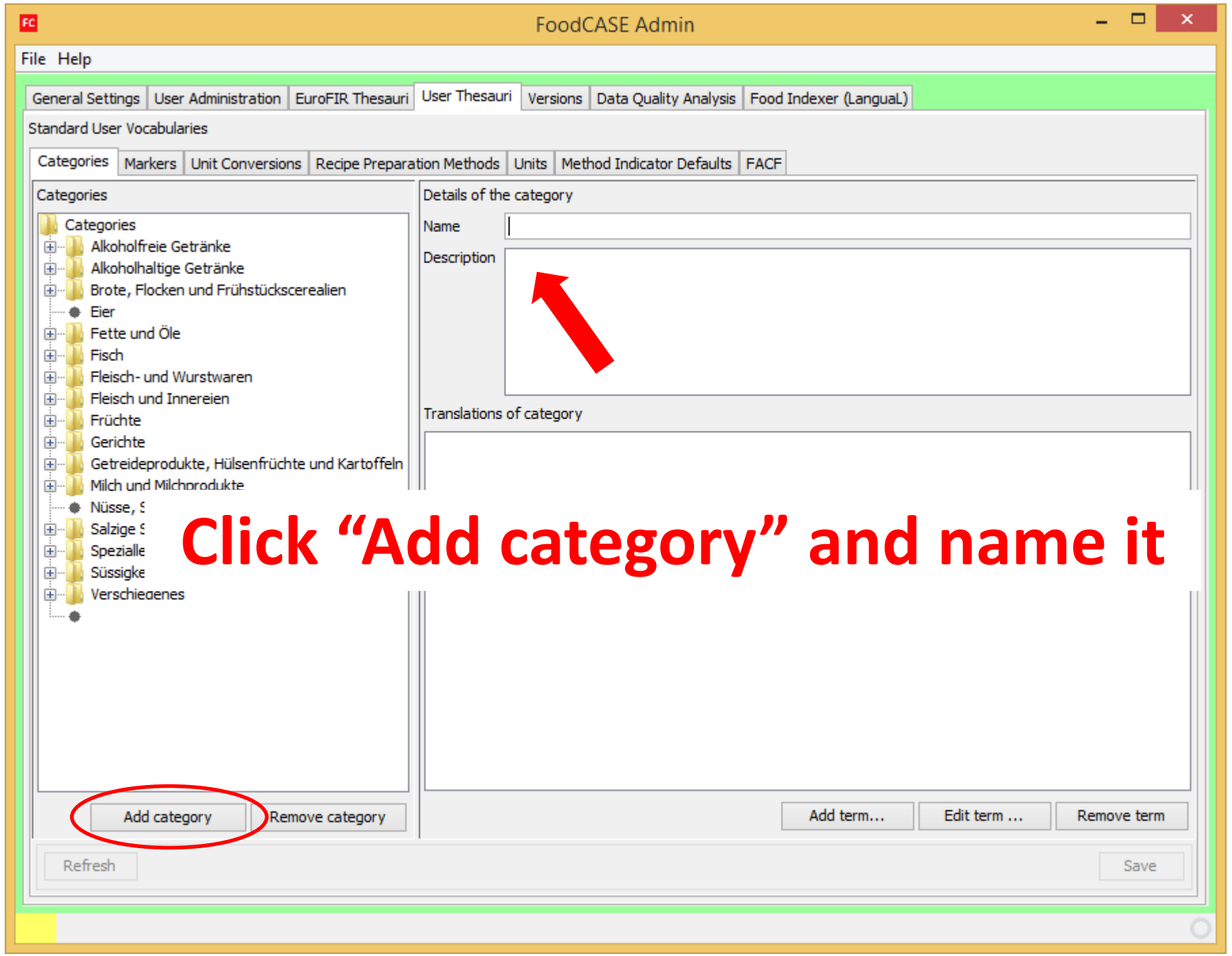
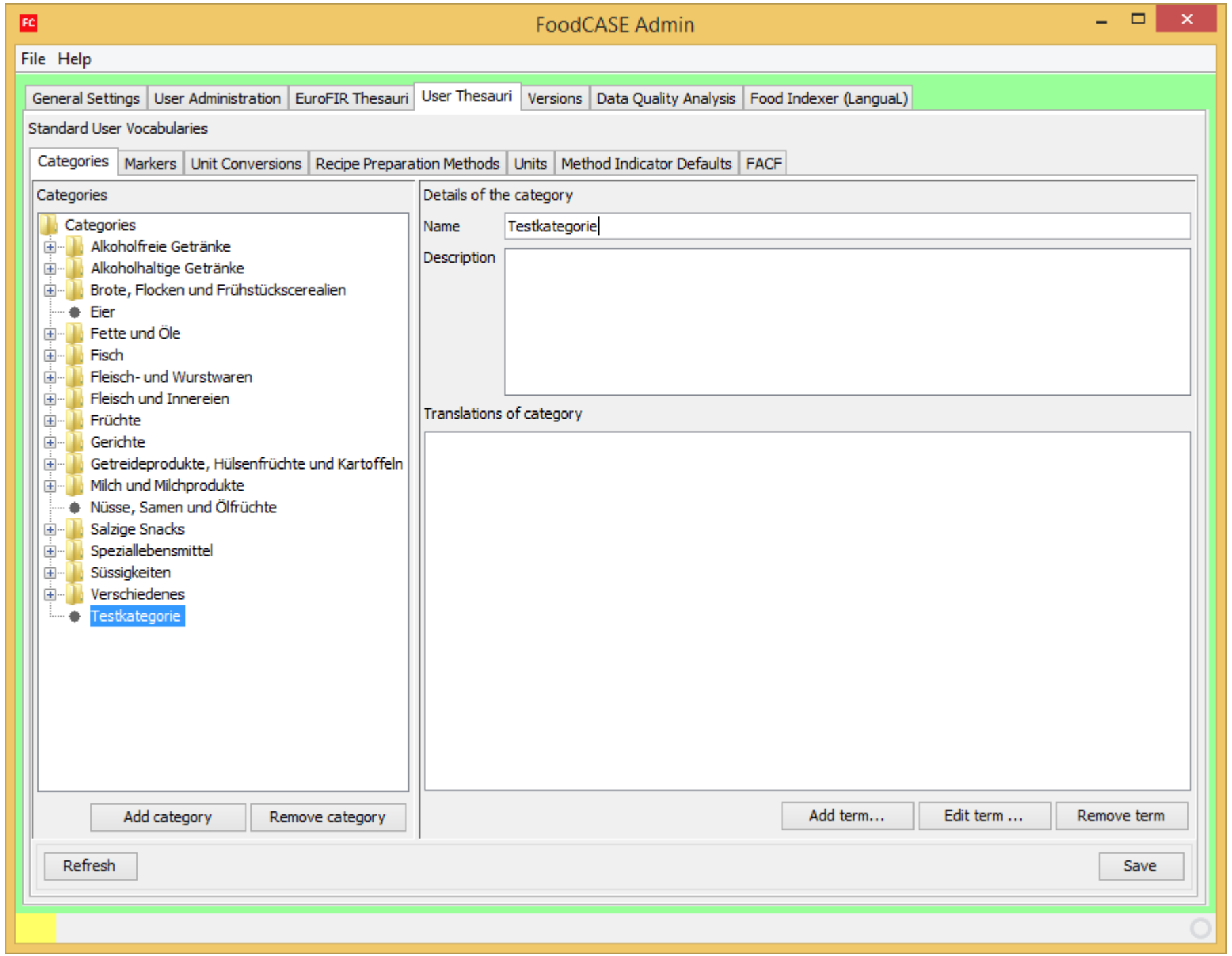


Select mother category

FOODCASE


FoodCASE Admin
File Help
General Settings
User Administration
EuroFIR Thesauri
User Thesauri
Versions
Data Quality Analysis
Food Indexer (LangualL)
Standard User Vocabularies
Categories
Markers
Unit Conversions
Recipe Preparation Methods
Units
Method Indicator Defaults
FACF
Categories
Categories
Alkoholfreie Getränke
Alkoholhaltige Getränke
Brote, Flocken und Frühstückscerealien
Eier
Fette und Öle
Fisch
Fleisch- und Wurstwaren
Fleisch und Innereien
Früchte
Gerichte
Getreideprodukte, Hülsenfrüchte und Kartoffeln
Milch und Milchprodukte
Nüsse, S
Salzige S
Spezialle
Süssigke
Verschiedenes
Details of the category
Name
Description
Translations of category
Click “Add category” and name it
Add category
Remove category
Add term...
Edit term ...
Remove term
Refresh
Save

FOODCASE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Alkoholhaltige Getränke
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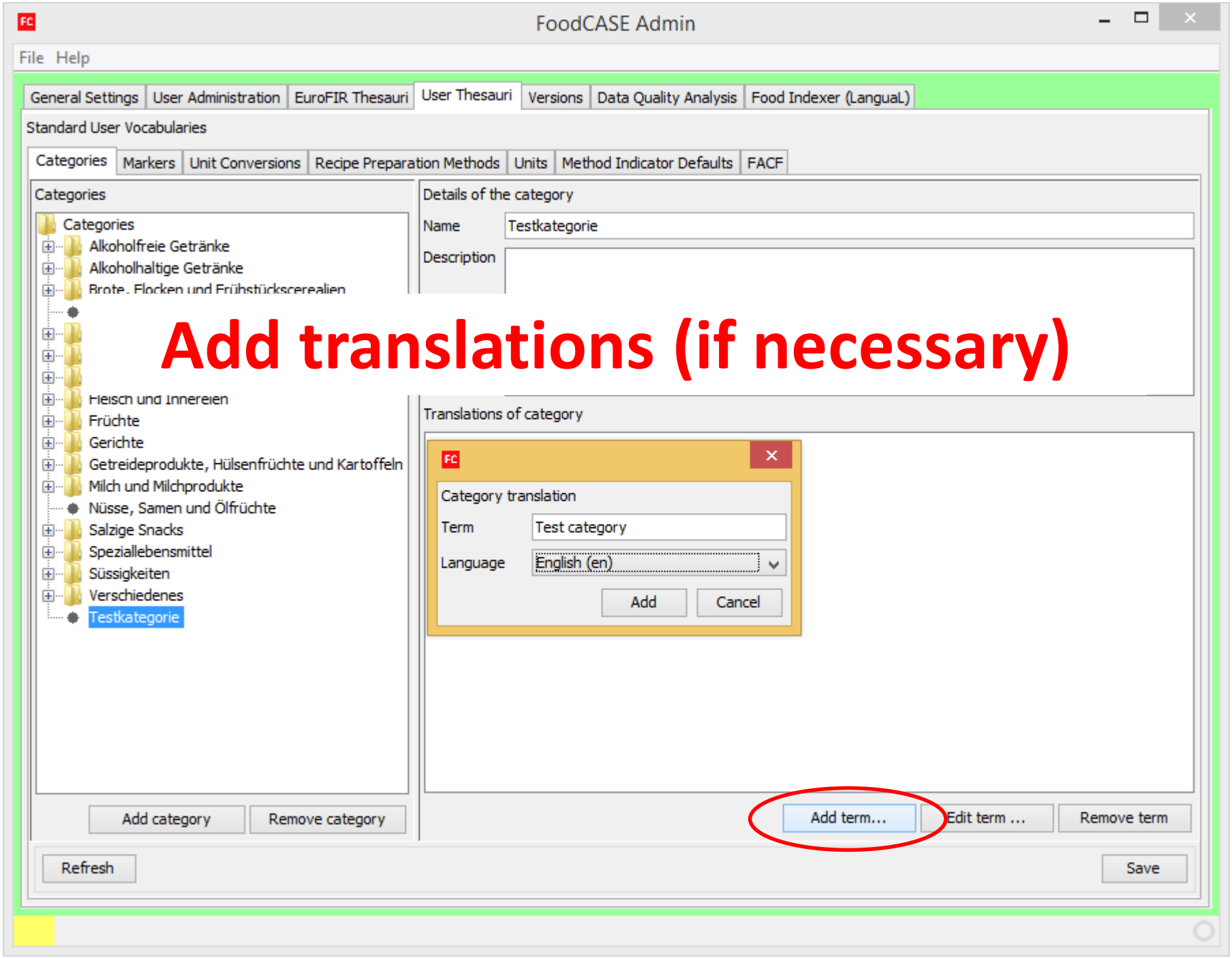
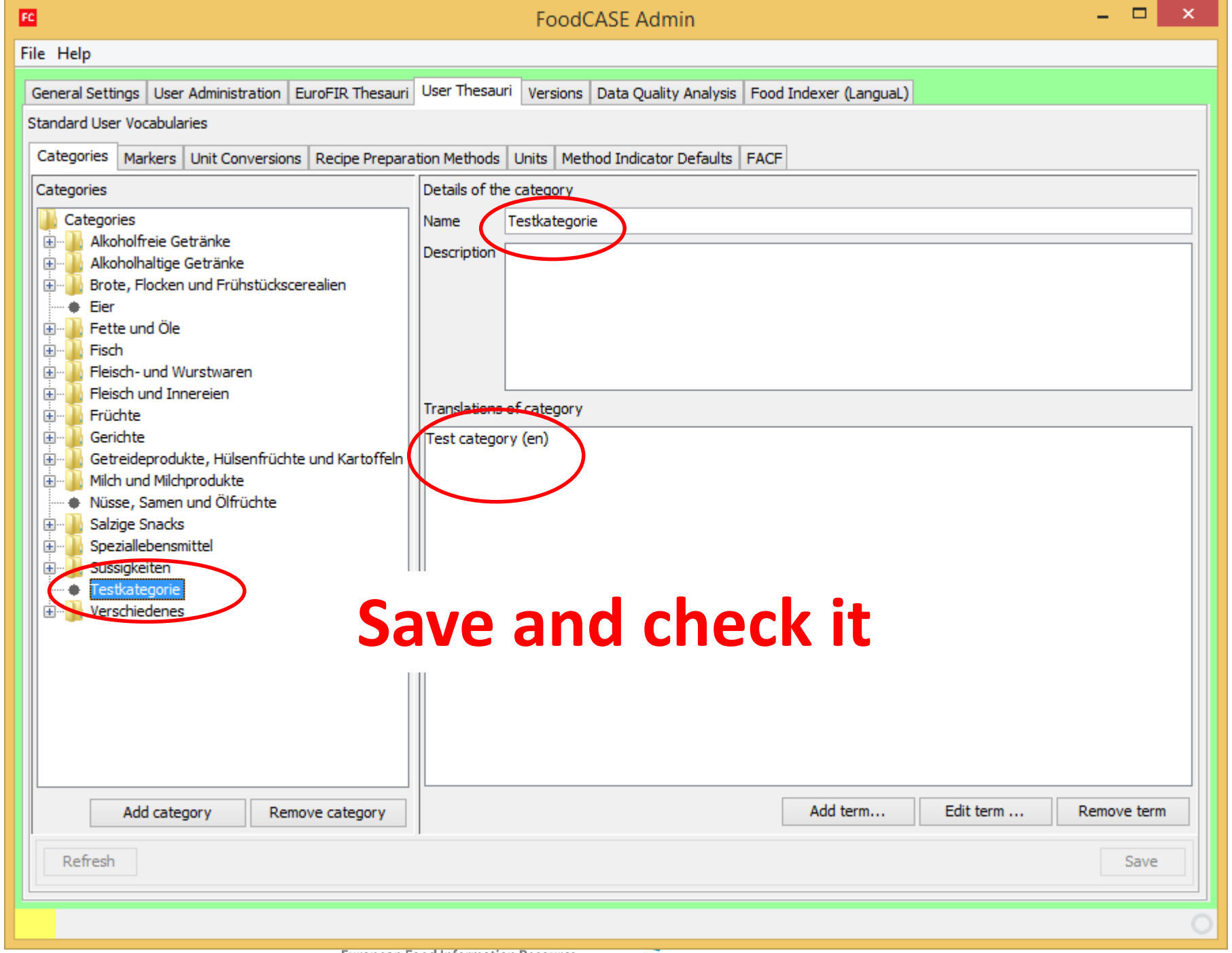
Fleisch- und Wurstwaren
Fleisch und Innereien
Früchte
Gerichte
Getreideprodukte, Hülsenfrüchte und Kartoffeln
Milch und Milchprodukte
Nüsse, Samen und Ölfrüchte
Salzige Snacks
Speziallebensmittel
Süssigkeiten
Verschiedenes
Testkategorie
Add category
Remove category
Details of the category
Name
Testkategorie
Description
Translations of category
Add term...
Edit term ...
Remove term
Refresh
Save

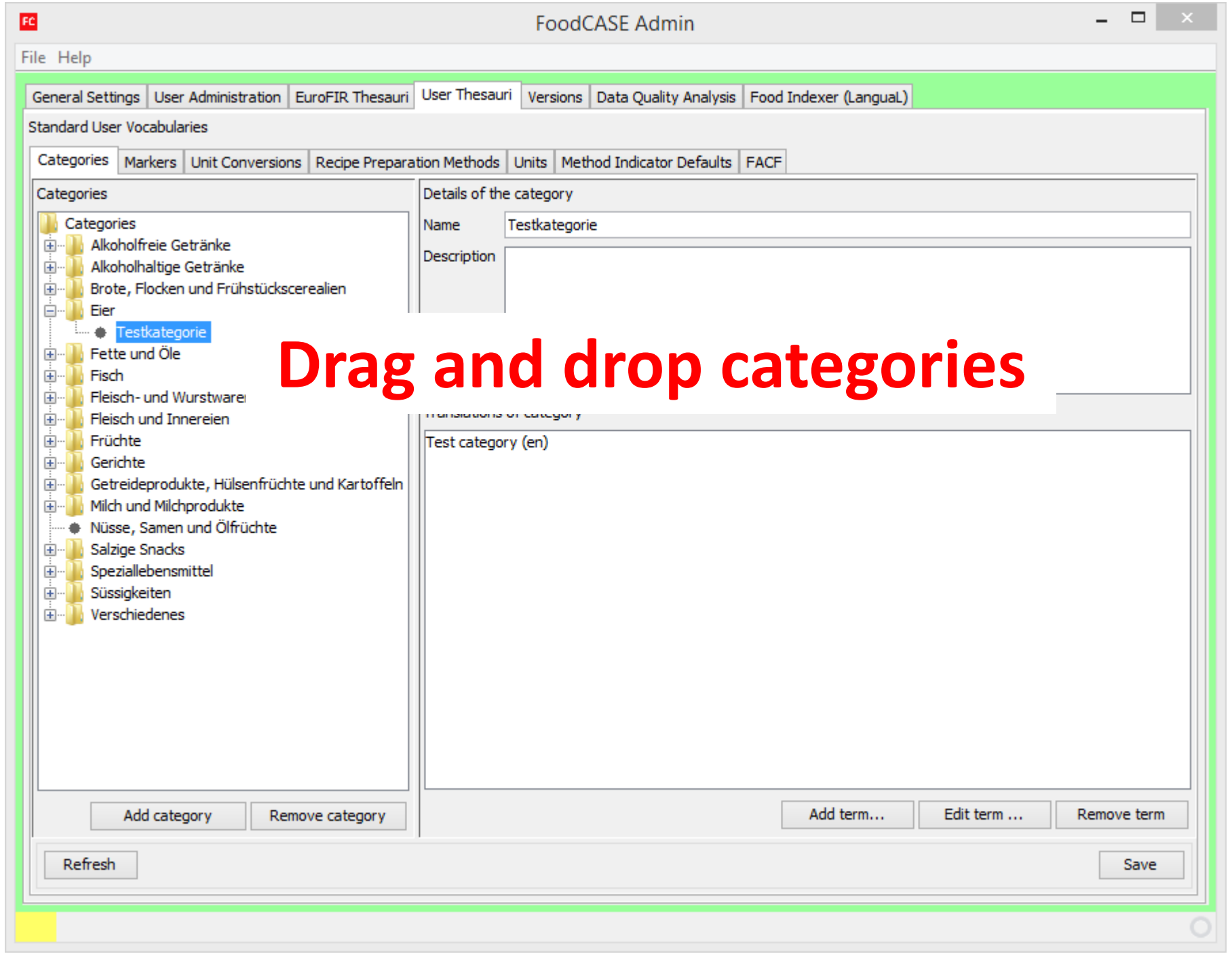
FOODCASE



Add translations (if necessary)



Save and check it



Drag and drop categories

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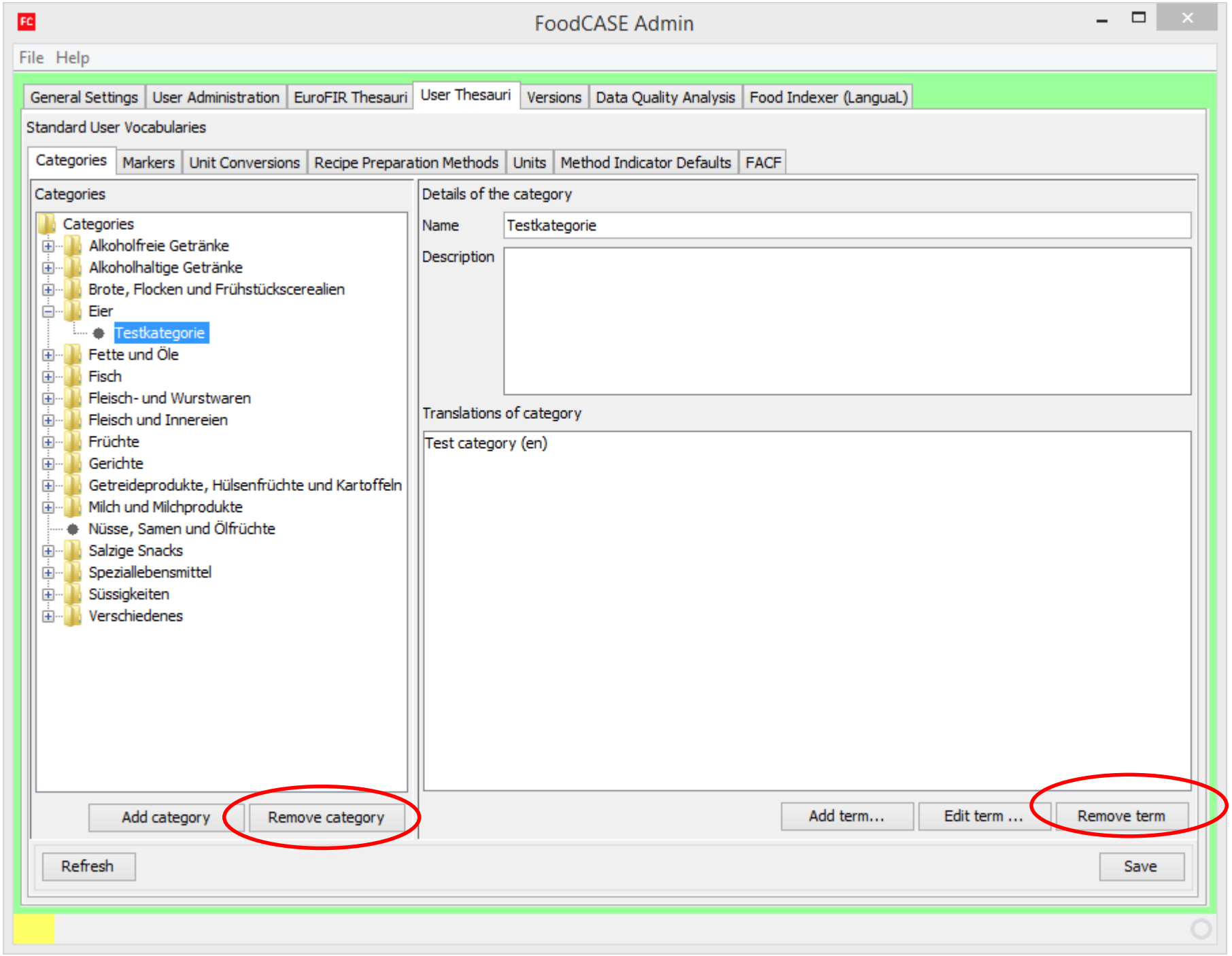
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Gerichte
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Milch und Milchprodukte
Nüsse, Samen und Ölfrüchte
Salzige Snacks
Speziallebensmittel
Süssigkeiten
Verschiedenes
Details of the category
Name
Testkategorie
Description
Translations of category
Test category (en)
Add category
Remove category
Add term...
Edit term ...
Remove term
Refresh
Save

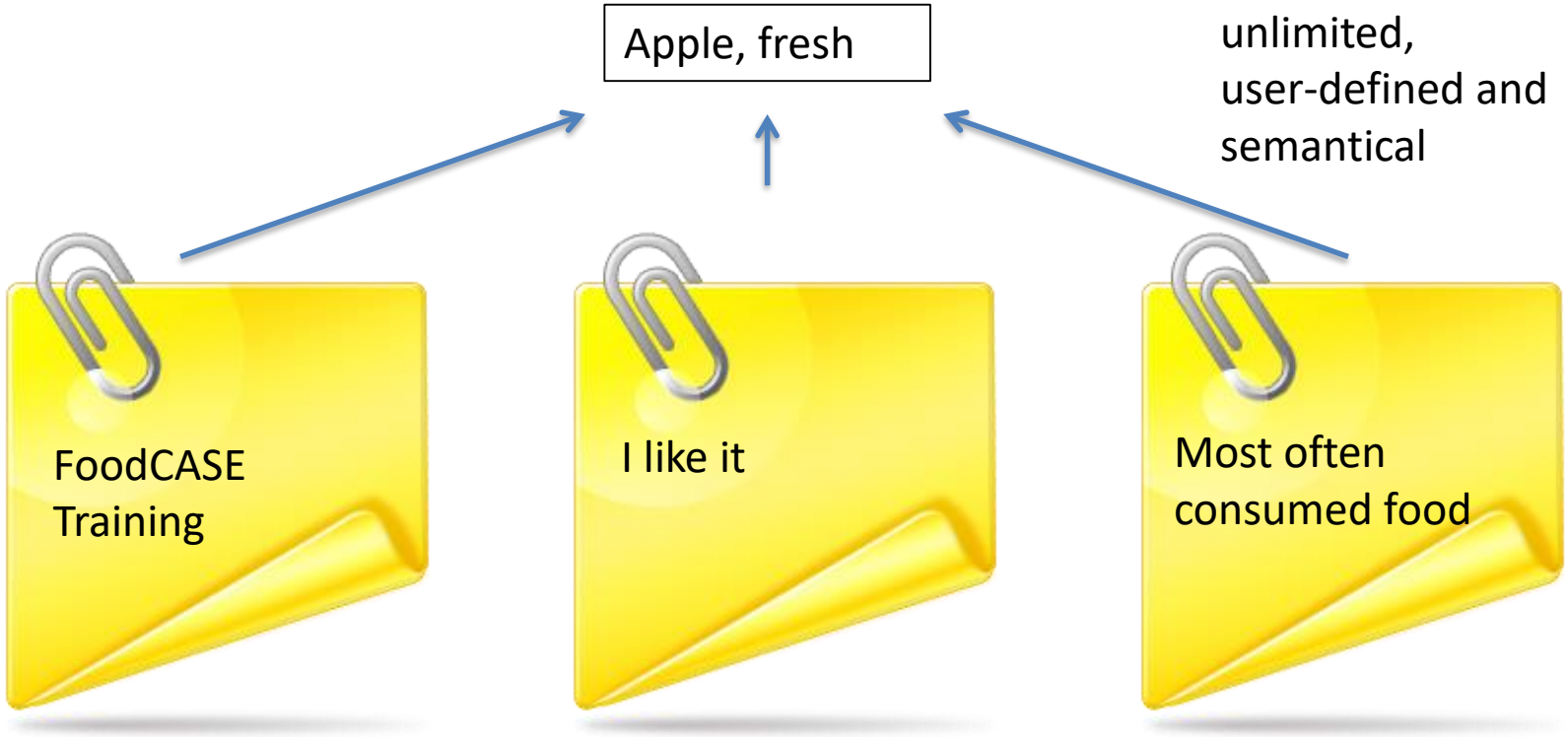
FOODCASE

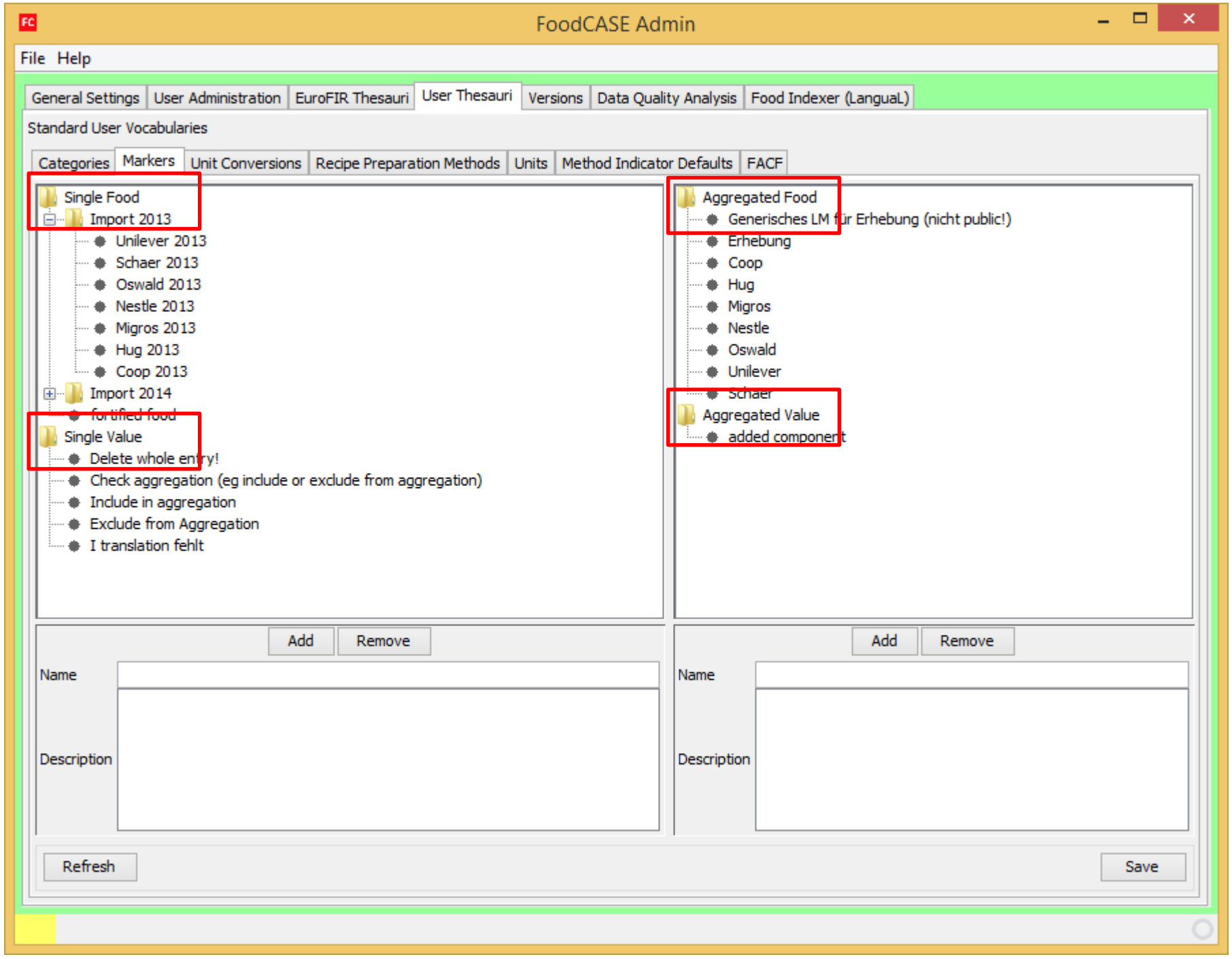
User thesauri
Markers

FOODCASE

Markers

Concept 1:
Add information to data which is unlimited, user-defined and semantical

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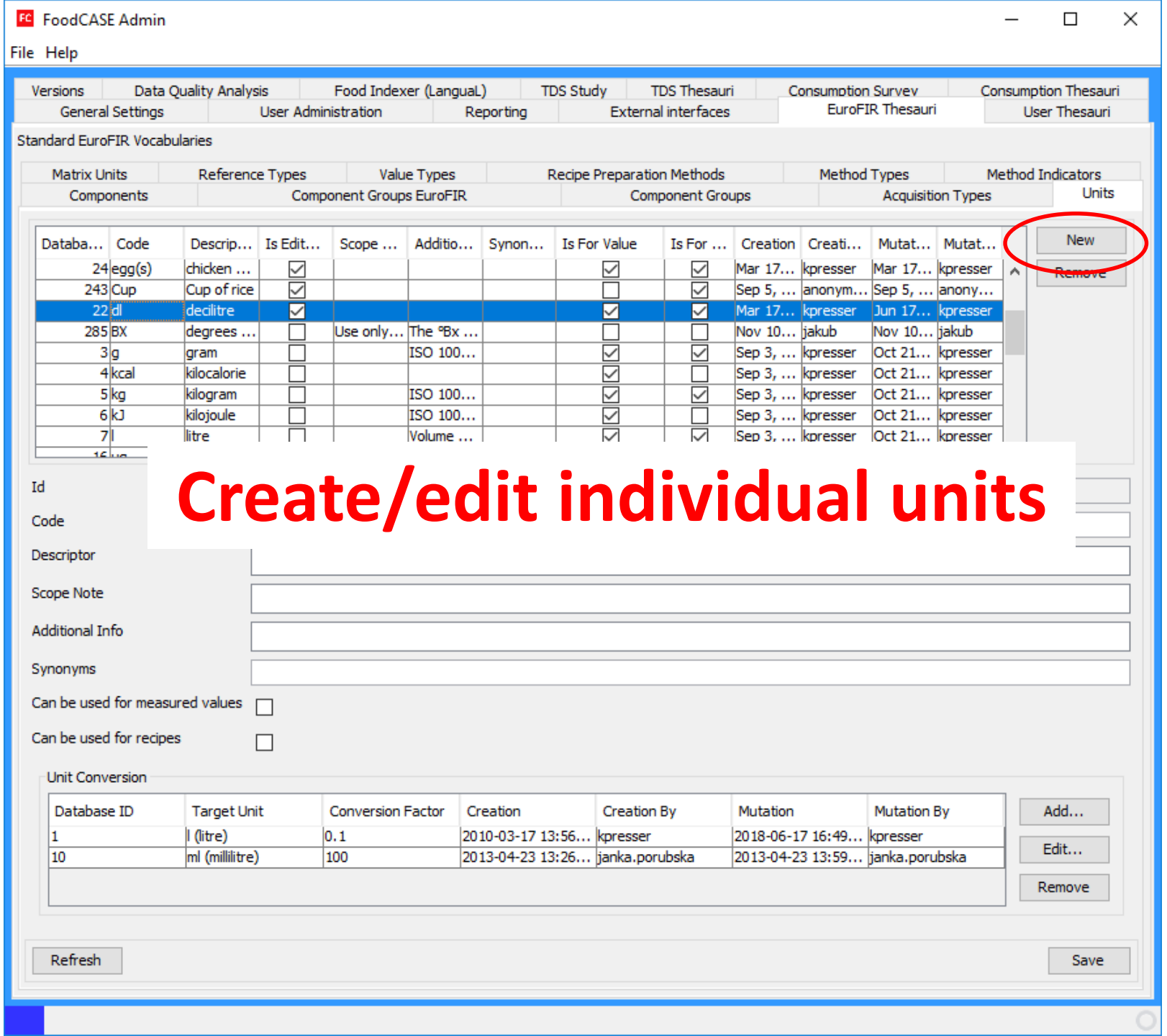
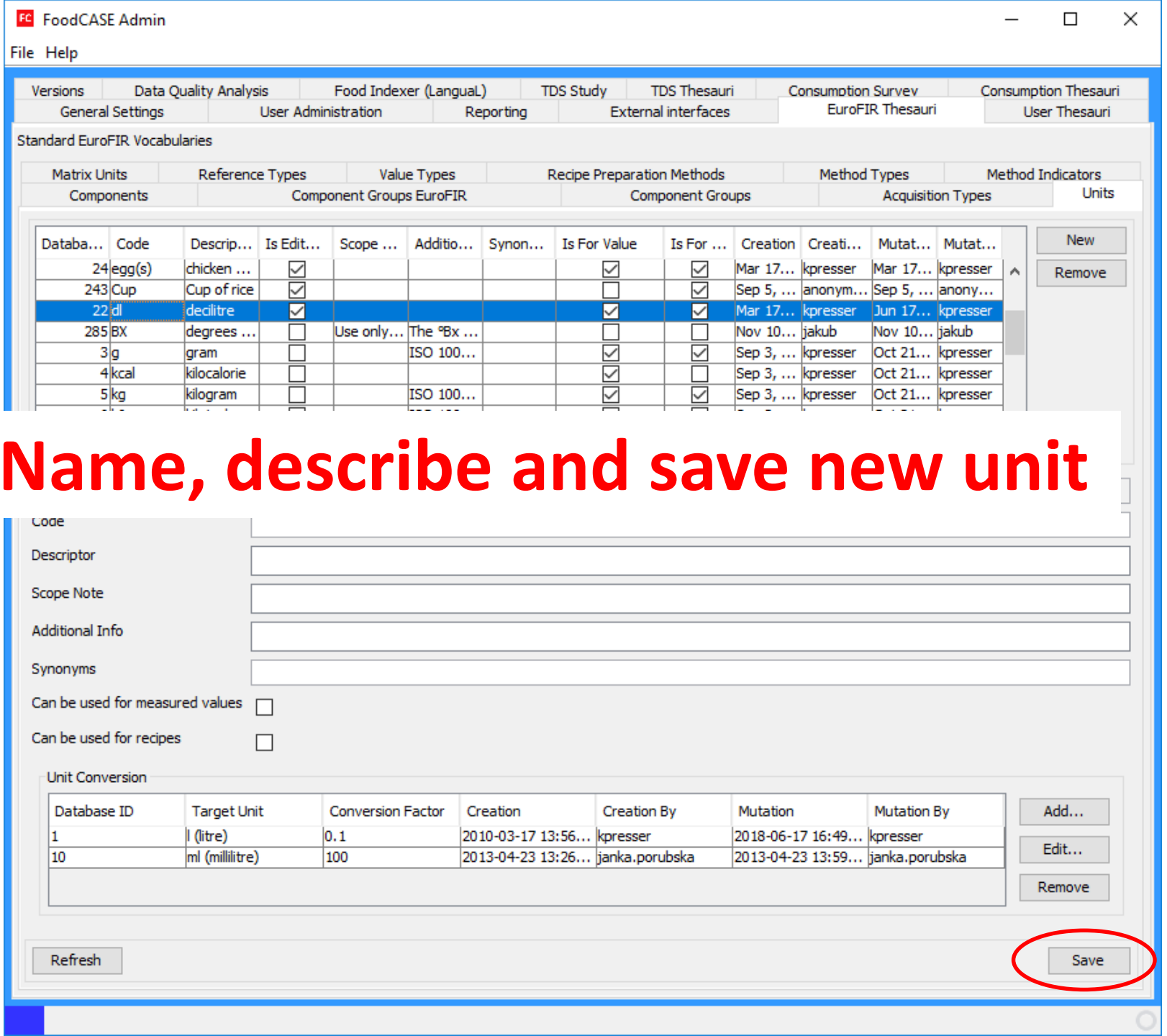
FACF
Single Food
Import 2013
Unilever 2013
Schaer 2013
Oswald 2013
Nestle 2013
Migros 2013
Hug 2013
Coop 2013
Import 2014
fortified food
Single Value
Delete whole entry!
Check aggregation (eg include or exclude from aggregation)
Include in aggregation
Exclude from Aggregation
I translation fehlt
Aggregated Food
Generisches LM für Erhebung (nicht public!)
Erhebung
Coop
Hug
Migros
Nestle
Oswald
Unilever
Schaer
Aggregated Value
added component
Add
Remove
Name
Description
Add
Remove
Name
Description
Refresh
Save

FOODCASE

User thesauri
Units



Create/edit individual units



Name, describe and save new unit

User thesauri
Defaults

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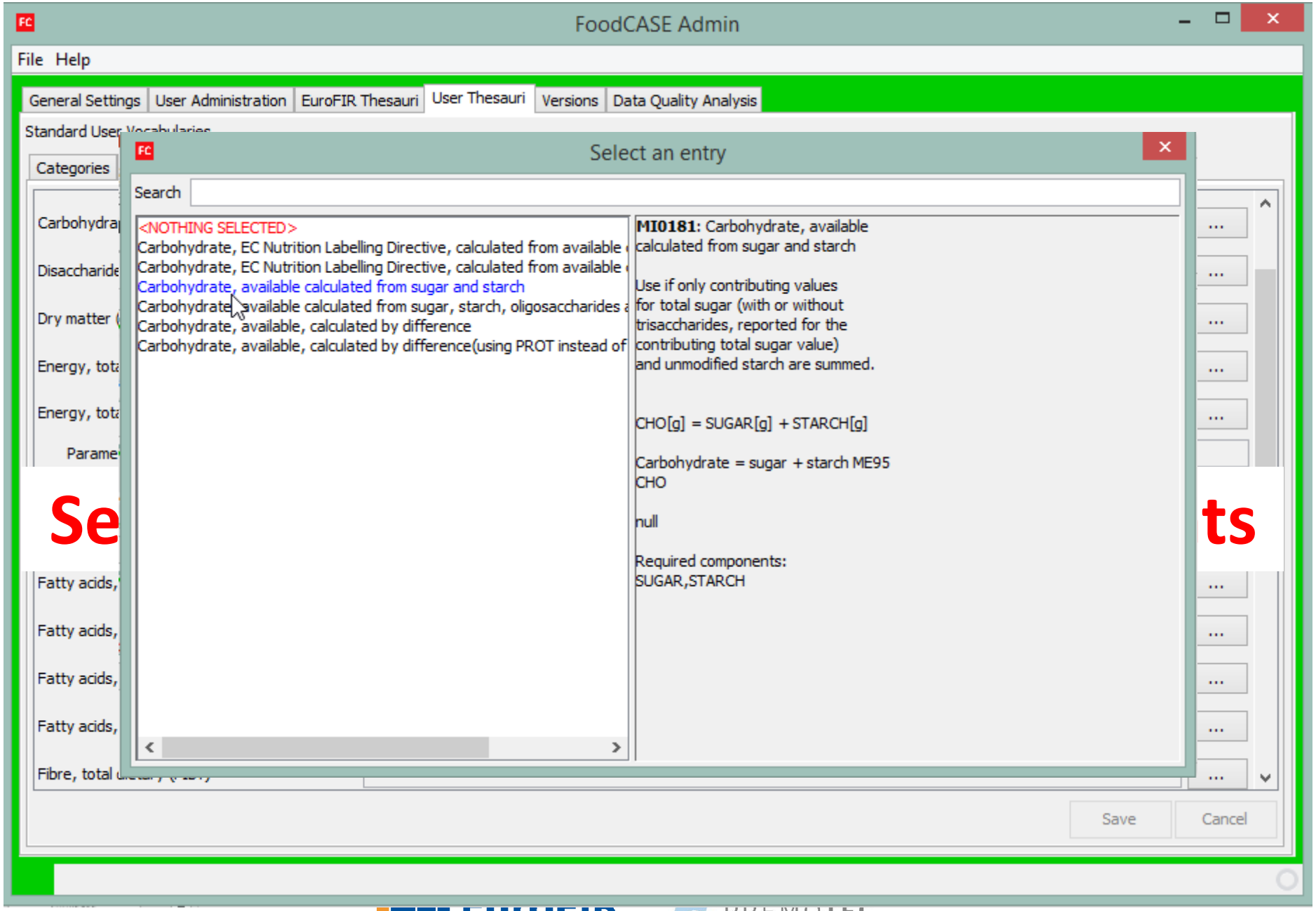

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User thesauri
FACF

FOODCASE

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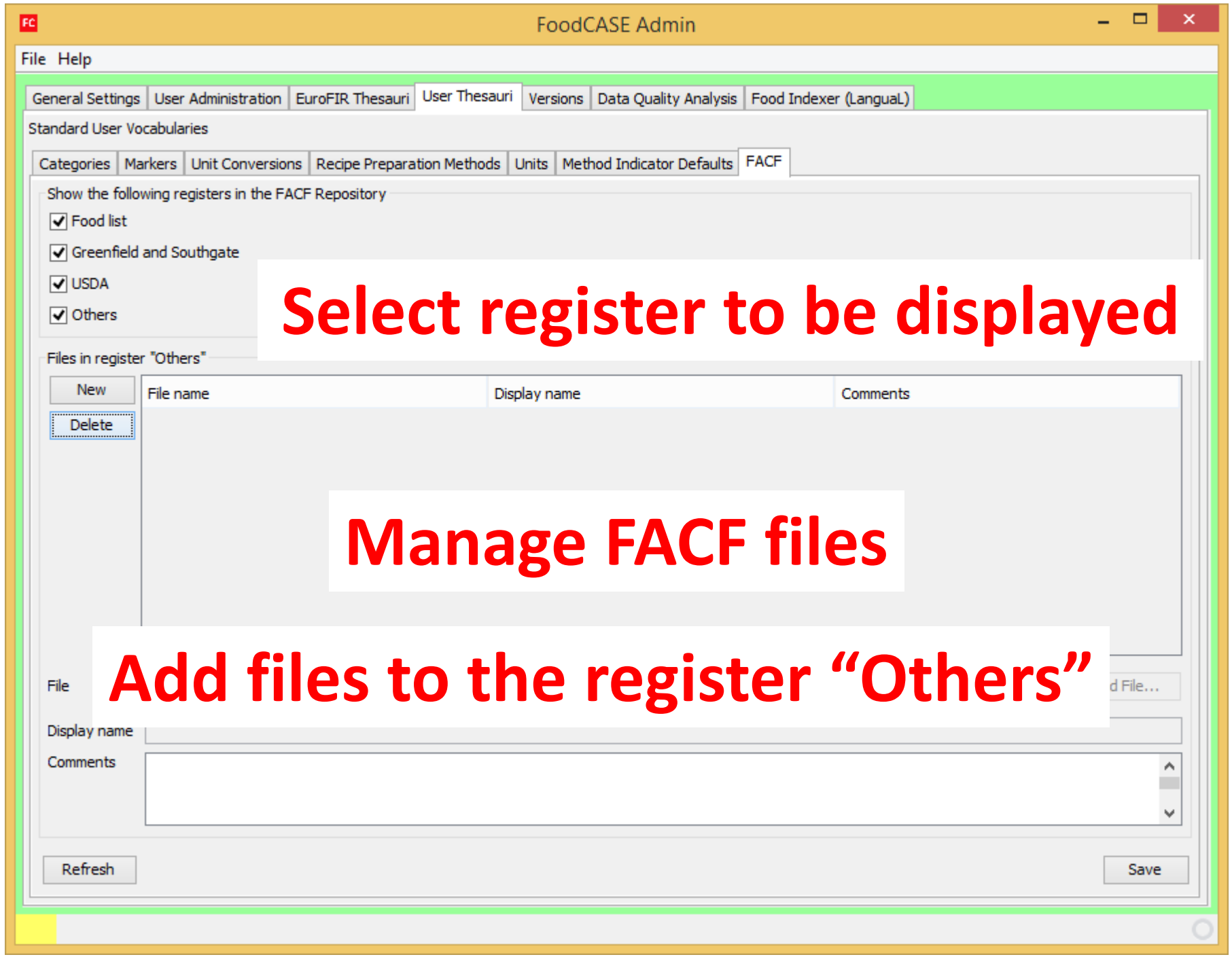

Select register to be displayed

Manage FACF files

Add files to the register "Others"

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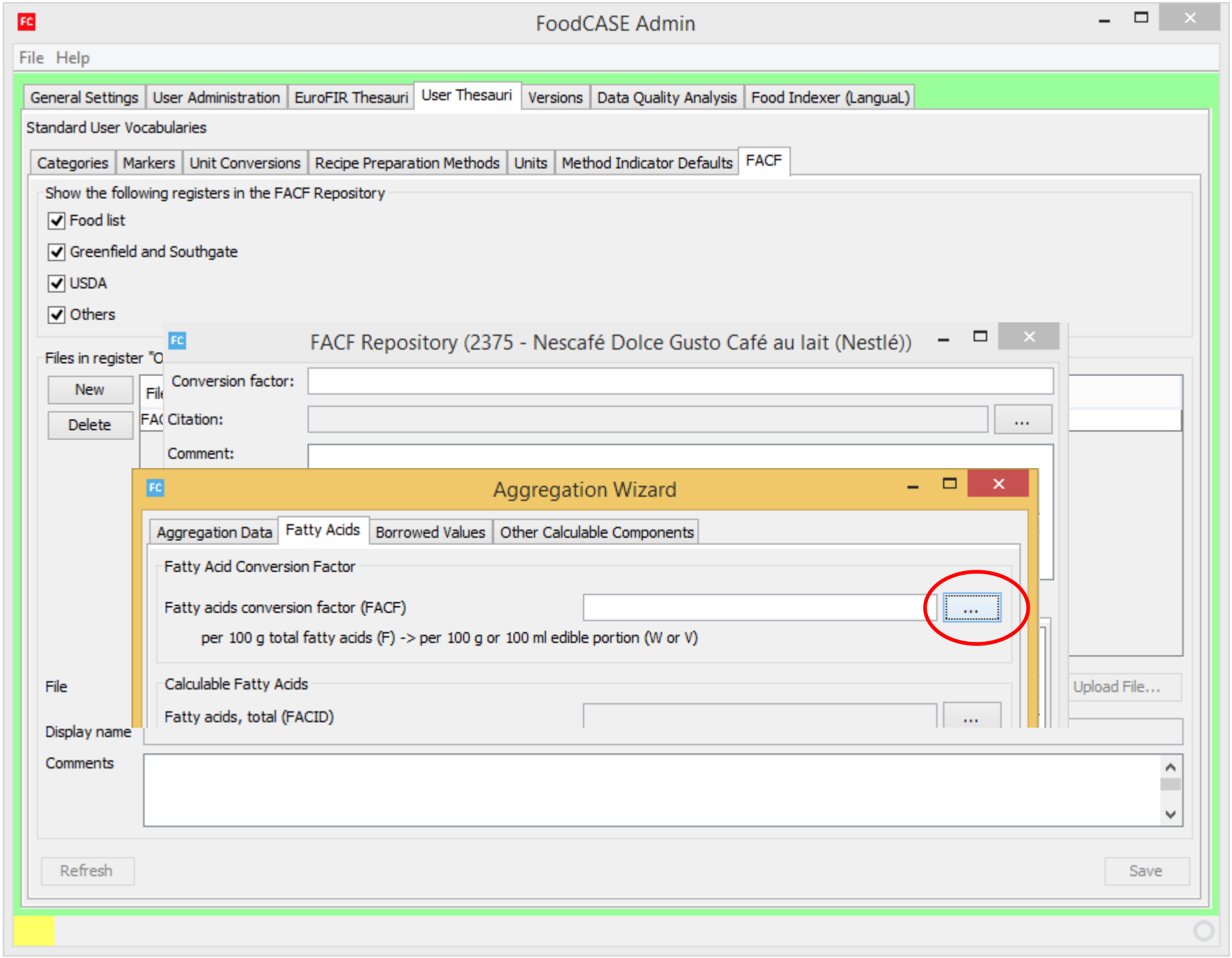
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Method Indicator Defaults
FACF
Show the following registers in the FACF Repository
Food list
Greenfield and Southgate
USDA
Others
FACF Repository (2375 - Nescafé Dolce Gusto Café au lait (Nestlé))
Conversion factor:
Citation:
Comment:
Files in register "O
New
Delete
Aggregation Wizard
Aggregation Data
Fatty Acids
Borrowed Values
Other Calculable Components
Fatty Acid Conversion Factor
Fatty acids conversion factor (FACF)
per 100 g total fatty acids (F) -> per 100 g or 100 ml edible portion (W or V)
Calculable Fatty Acids
Fatty acids, total (FACID)
File
Upload File...
Display name
Comments
Refresh
Save

FOODCASE

Time for exercising again

Exercises

- 3f
- 3g
- 3h
- 3i
- 3j

Versions

Three levels of food composition

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Initial Data

Apple
Protein 0.3 g/100g Protein 200 mg/50g ...

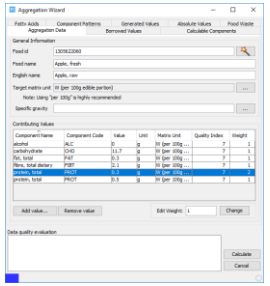
Versioning

Aggregated Data

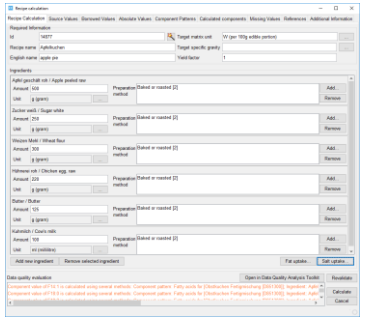
Apple
Protein 0.35 g/100g Fat 0.3 g/100g ... Energy 231.9 kJ/100 g

Recipe Data

Apple Pie
Protein 2.68 g/100 g Fat 4.86 g/100 g ... Energy 560 kJ/100 g



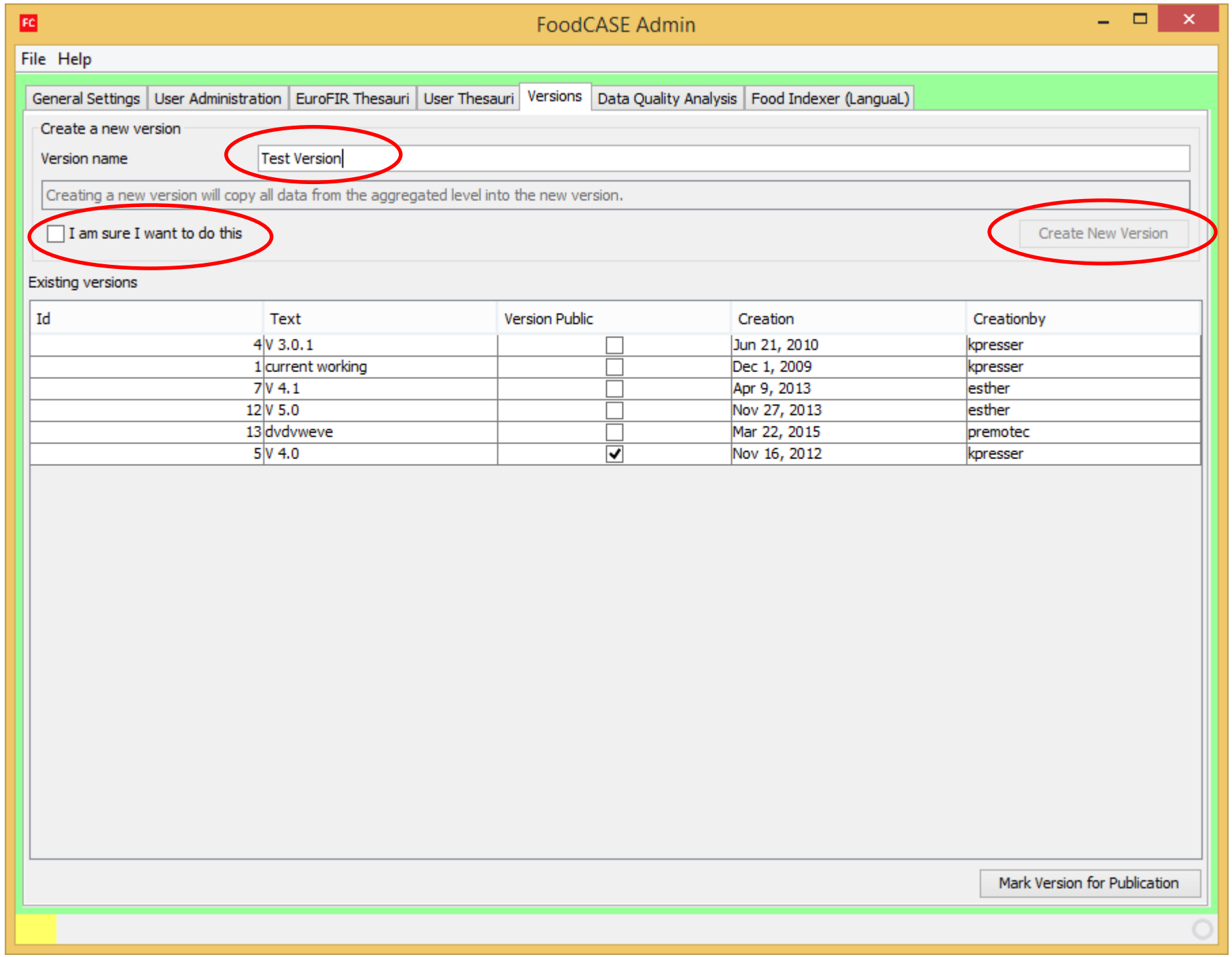
Aggregation wizard



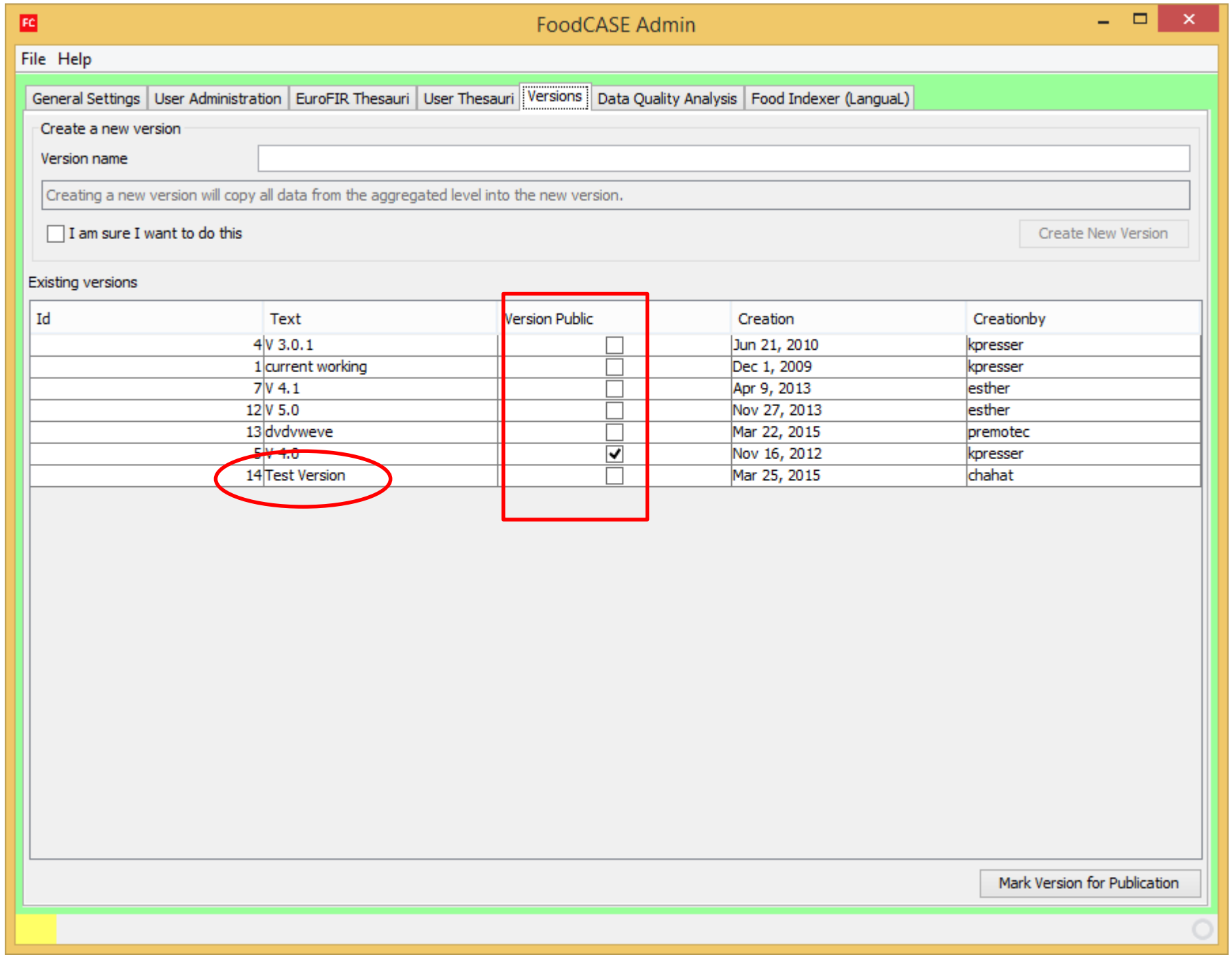
Recipe wizard

EuroFIR European Food Information Resource

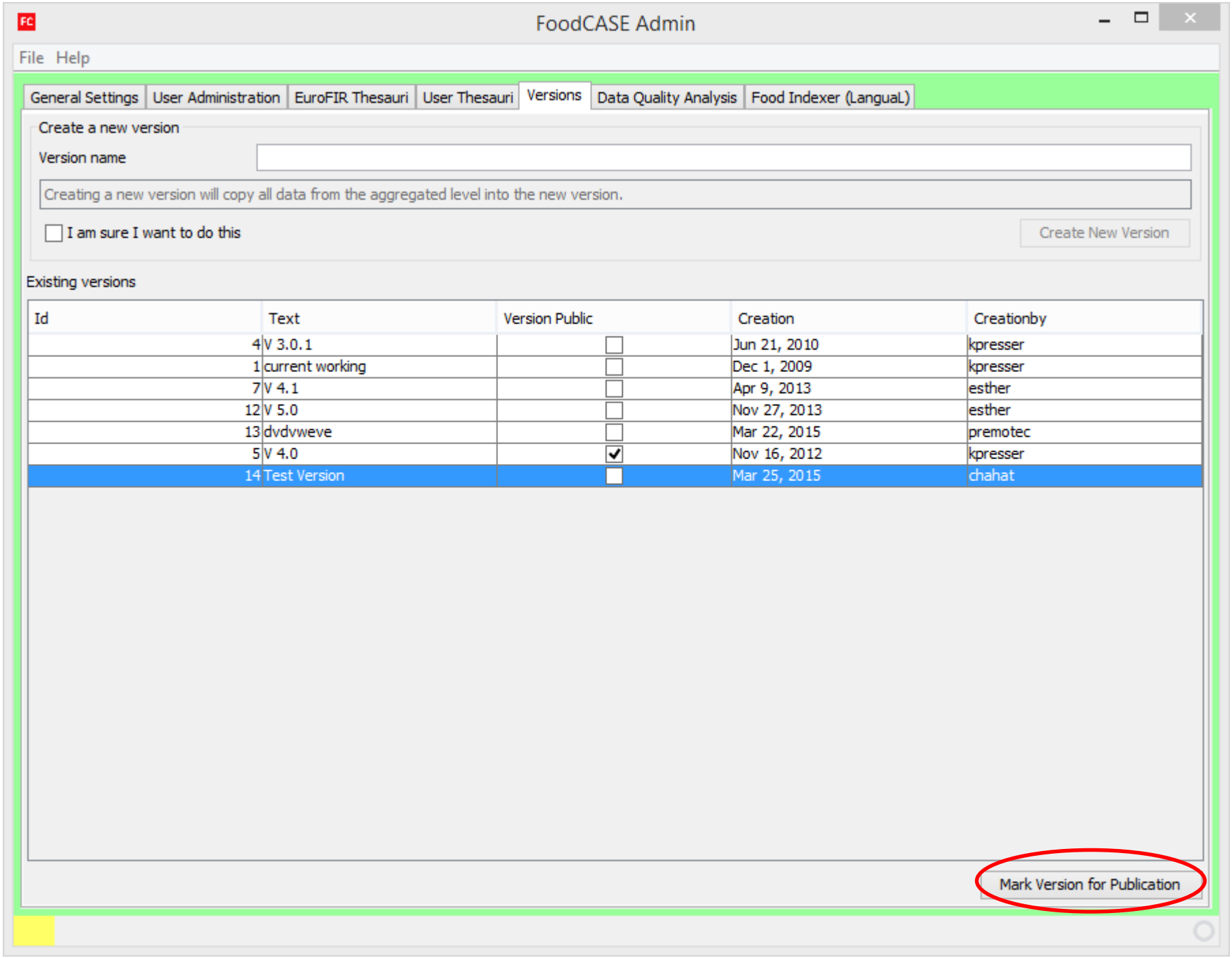
PREMOTEC


FoodCASE Admin
File Help
General Settings
User Administration
EuroFIR Thesauri
User Thesauri
Versions
Data Quality Analysis
Food Indexer (LanguaL)
Create a new version
Version name
Test Version
Creating a new version will copy all data from the aggregated level into the new version.
I am sure I want to do this
Create New Version
Existing versions
Id
Text
Version Public
Creation
Creationby
4 V 3.0.1 Jun 21, 2010 kpresser
1 current working Dec 1, 2009 kpresser
7 V 4.1 Apr 9, 2013 esther
12 V 5.0 Nov 27, 2013 esther
13 dvdvweve Mar 22, 2015 premotec
5 V 4.0 Nov 16, 2012 kpresser
Mark Version for Publication

FOODCASE


FoodCASE Admin
File Help
General Settings
User Administration
EuroFIR Thesauri
User Thesauri
Versions
Data Quality Analysis
Food Indexer (LangualL)
Create a new version
Version name
Creating a new version will copy all data from the aggregated level into the new version.
I am sure I want to do this
Create New Version
Existing versions
Id
Text
Version Public
Creation
Creationby
4 V 3.0.1 Jun 21, 2010 kpresser
1 current working Dec 1, 2009 kpresser
7 V 4.1 Apr 9, 2013 esther
12 V 5.0 Nov 27, 2013 esther
13 dvdvweve Mar 22, 2015 premotec
5 V 4.0 Nov 16, 2012 kpresser
14 Test Version Mar 25, 2015 chahat
Mark Version for Publication

FOODCASE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FOODCASE

Almost there….

Banker’s rounding

- 1.25 -> 1.2
- 1.35 -> 1.4
- 1.05 -> 1.0

- 1.X5
- X = 1 3 5 7 9 -> round up
- X = 0 2 4 6 8 -> round down