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Entity-Relationship-Diagram for OHS-Administration

See the diagram here: Entity-Relationship-Diagram for OHS-Administration.dia

Explaination of the tables:

Affiliates

Currently a Calc-Table (we use ooO-Calc instead of Excel):
Tabelle der Gutschein-Bons für OHS und Partnerverträge.ods

It contains Contact data of affiliates who promote our services by bonus codes. They get commission for every sale in which the customer used this bonus code. Also other methods are used: Websites get paid by click on our Ad or customers promote to friends and tell us. All such affiliates should be managed here.

Regions

We work currently only within Switzerland = CH. CH consists of 26 Kantons which are grouped in a few Regions. This table can be found in our OHS-Flowlinie 2013 in `PLZ!B31:E39`

Kantons

The 26 Kantons in CH plus Liechtenstein (a Nation in itself but it has only borders to CH). This table can be found in our OHS-Flowlinie 2013 in `PLZ!A1:E28`

Towns

A long list of all towns and villages of CH with ZIP-code and canton and responsible trainer. This table can be found in our OHS-Flowlinie 2013 in `PLZ!F1:I3513`

Customers

A list of customers with all its data. We usually identify a customer by its email, but some have more than one. Data can be found in OHS-Flowlinie 2013 in sheet Data (plus sheet Backup where we archived unneeded records from sheet Data) and especially in his Moodle-profile. First data comes from Magento DB: table called sales_flat_order_address. This relates by postcode to Towns.

Mails

Mail-addresses the customers used in his correspondence.

Communications

Notes on phone calls or emails with this customer by the hotline agent or course administrator.

Account records

All payments and refunds by a customer. From several sources: bank account and paypal.

Moodle Records

Study time and course completion data from our Moodle eLearning system per student.

Rooms

A list of hotels and restaurants where the courses are held. Data can be found in OHS-Flowlinie 2013 in sheet Rooms. They contain an address and so are related to Towns etc.

Trainers

Are delivering the courses and finally issue the certificates. Data can be found in OHS-Flowlinie 2013 in sheet TrainerIn (not in sheet Trainer !).

Course types

Data can be found in OHS-Flowlinie 2013 in sheet C-Types.

Courses

Data can be found in OHS-Flowlinie 2013 in sheet Kurse. Here we plan a new course with a data, a trainer in a Room and of a certain Course Type. ID is sku. This with above related tables will be written to a flat table, which imports the new courses in Magento: see catalog_product_flat_4

Magento Orders

This is the starting point of our processes: An Order comes in from Magento. See Magento DB: table called sales_flat_order.

OrderItems

Usually there is only one Item in an order. You get this from Magento. See Magento DB: sales_flat_order_item. The Courses table is related by field sku.

debit-n-credit

Contains the debit and credit accounting records for the customers. With each **order** a **debit** booking is created. Each **payment** creates a **credit** record.

End of Description