Billing API0

Billing API manages the following Data resources:

- **Billing account**
  - A Billing Account is a detailed description of a customer's bill structure
  - Main billing Account attributes are :
    - Unique identifier of the billing account
    - short descriptive name
    - Rating type (prepaid, postpaid)
    - Status
    - Period of validity
    - Identifier of related customer account
    - Customer Billing Cycle Specification: A detailed description of when to initiate a billing cycle and the various sub steps of a billing cycle
    - Customer Bill Format: A detailed description of the way in which a customer's bill is presented
    - Customer Bill Presentation Media: A means of communicating a Customer Bill, supported by the associated bill format. For example, post mail, email, web page
    - Billing Currency
    - Identifier and name of Billing Account Balance
    - Payment Means which defines a specific mean of payment (e.g. direct debit with all details associated)
    - Related Party reference and role which identify the party playing a role within billing account (Invoice responsible, payer, etc.)
- **Bill item** (aka Applied Customer Billing Charge in SID terminology)
  - A bill item is an amount, usually of money, for which a person or an organization is financially liable.
  - Main attributes are
    - Unique identifier of the applied customer billing charge
    - Creation date of the applied customer billing charge
    - Description i.e. additional data to be displayed on the customer bill for this applied customer billing charge
    - Type of the applied customer billing charge (recurring, one time or usage)
    - Currency Code
    - All taxes included amount to be charged on the customer bill (expressed in the given currency)
    - Tax excluded amount to be charged on the customer bill (expressed in the given currency)
    - Tax Rate i.e. amount of money levied on the price of a product by a legislative body.
    - Identifier and type of the concerned service
- **Settlement Note Advice**
  - The settlement is about transferring money receiving by a CSP to a partner. The settlement is notified to the partner with a settlement note advice containing details in settlement lines.
  - Main attributes are
    - unique identifier for the settlement note advice
    - Creation date of the settlement note advice
    - free description text
    - Date at which the due amount should have been paid to the partner
    - Date of the tax
    - Currency Code
    - All taxes excluded amount (expressed in the given currency)
    - All taxes included amount (expressed in the given currency)
    - Tax Item for each tax rate and tax type used in the settlement note
    - Settlement Method (the way in which the issuer provides the payment)
    - Receiver (Party who will receive the settlement note)
    - Issuer (Party who will issue the settlement note)
    - Issuer and receiver Tax Registration number
    - image of the settlement note
    - <u>Settlement Note Item</u> which provides information about amount settled for a product identified by its catalog reference
      - Unique number assigned to the settlement note item
      - Unique identifier of the settlement note item
      - A free description text for the settlement note item
      - Quantity
      - Tax excluded unit price to be applied on the given quantity
      - Tax excluded amount equal to quantity * tax Excluded Unit Price
      - All taxes included amount equal to tax Excluded Amount + tax Amount
      - Identification number assigned to the product
      - Name of the product