Ordering delivery billing workflow

interne Orange

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- **1) Product spec creation in catalogue**
  - prerequisite: None
  - API used: Product Catalog Management (product specification)
  - mandatory attribute:
    - name: "canoe rental product"
    - productSpecCharacteristic: "color", "size"
    - productSpecCharacteristicValue : "blue", "4 places"

- **2) Product offering creation in catalogue**
  - prerequisite: product offering
  - API used: Product Catalog Management (product offering)
  - mandatory attribute:
    - name: "canoe rental offer"
    - productSpecification: "href://..."
    - productOfferingPrice: "10"

- **3) Customer creation**
  - prerequisite: None
  - API used: customer management
  - mandatory attribute:
    - Customer
      - name: "Gauthier"
    - Customer account
      - accountType: "residential"
      - name: "Gauthier account"

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- **4) Order creation in for a given product spec**
  - prerequisite: see below
  - API used: product ordering
  - mandatory attribute:
    - relatedParty
      - "Href://…"
      - role: "buyer"
    - orderItem.id: "1"
    - orderItem.action: "add"
    - orderItem.billingAccount: "11"
    - orderItem.product: "canoe rental offer"

Rule name	Rule
Mandatory attributes within product Order	o Within "billingAccount": id AND/OR href o Within "note": text o Within "relatedParty": id AND/OR href AND/OR name, role
Mandatory attributes within product Order item	o Within "place": Role, id AND/OR href o Within "productOffering": id AND/OR href o Within "product": Depends on the order item "action", cf. rule below
Mandatory attributes within product (in each order item)	o If orderItem.action = "add" : productCharacteristics o If orderItem.action = "modify": id AND/OR href o If orderItem.action = "delete": id AND/OR href

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- **5) Customer Product inventory update after ordering**
  - prerequisite: None
  - API used : Product inventory
  - mandatory attribute:
    - name: "canoe rental offer"
    - Status: "active"
    - Isbundled: "N"
    - Iscustomervisible": "Y"
    - productoffering: "href://…"

- **6) billing account creation**
  - prerequisite:
    - Customer account must have been created previously
    - Party role must exist
  - API used: Billing (Billing account)
  - mandatory attribute:
    - CustomerAccount.id: "2"
    - RelatedParty.id
      - href://…
      - Role: "payer"

- **7) customer billing**
  - prerequisite:
    - Service must have been created previously
    - productSpecification must have been created previously
  - API used: billing (appliedCustomerbillingcharge)
  - mandatory attribute:
    - type: "recurring"
    - currencyCode : "EUR"
    - taxExcludedAmount: "10"
    - service.id:
      - id: "1"
      - type: "canoe rental"
      - productSpecification.name: "canoe rental product"

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1 Product spec creation in catalogue *(Product catalogue API)*	

5 Order creation in for a given product spec *(Product ordering API)*

6 Customer Product inventory update after ordering *(product inventory API)*

2 Product offering creation in catalogue *(Product catalogue API)*

7 Customer billing *(Billing management API)*

3 Customer creation *(customer management API)*

4 billing account creation *(Billing management API)*

→ mandatory link