Peppol

The future is open

eInvoicing Japan
Data model and rules

13th April 2021

Agenda
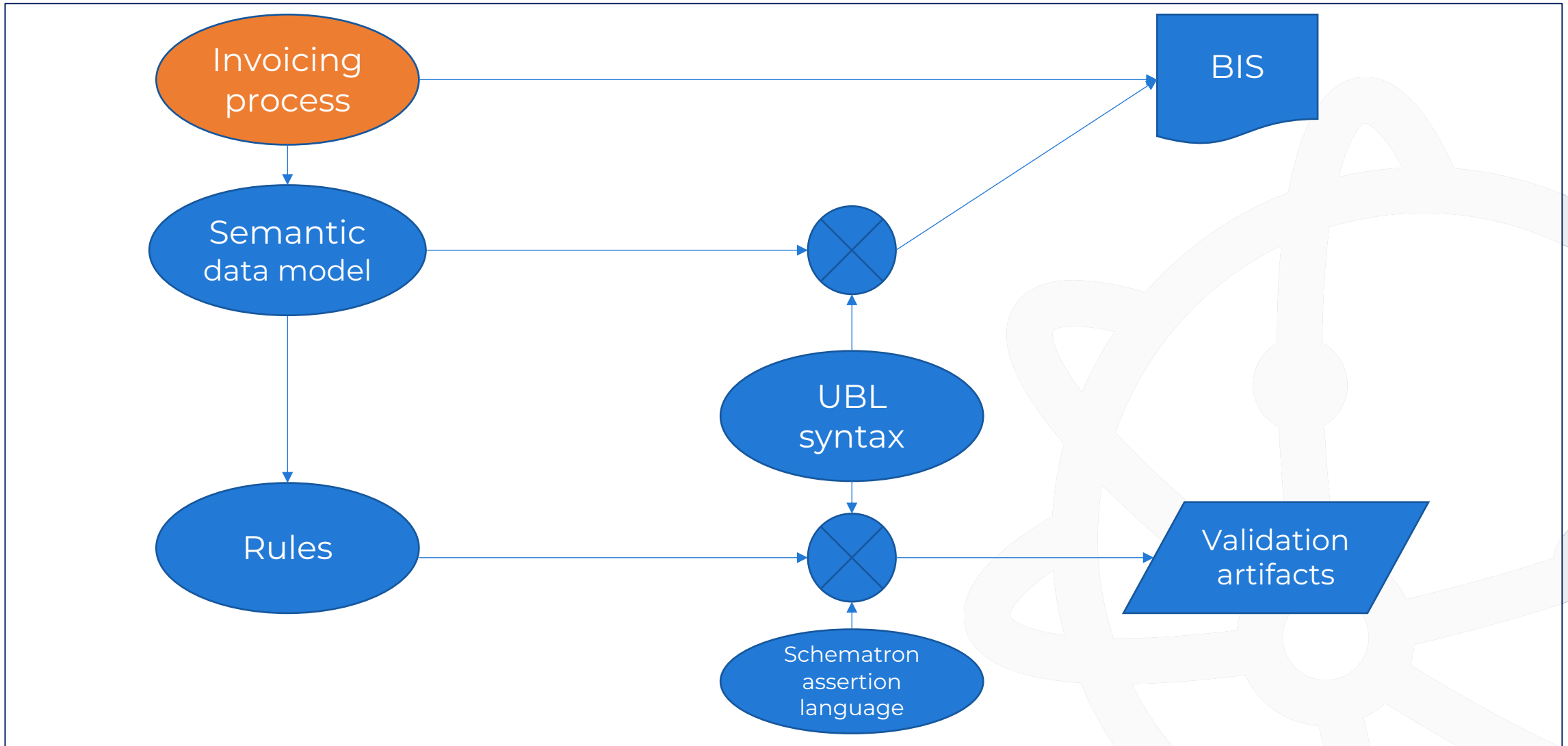
- Components of the specifications
- Japan data model and rules, first draft
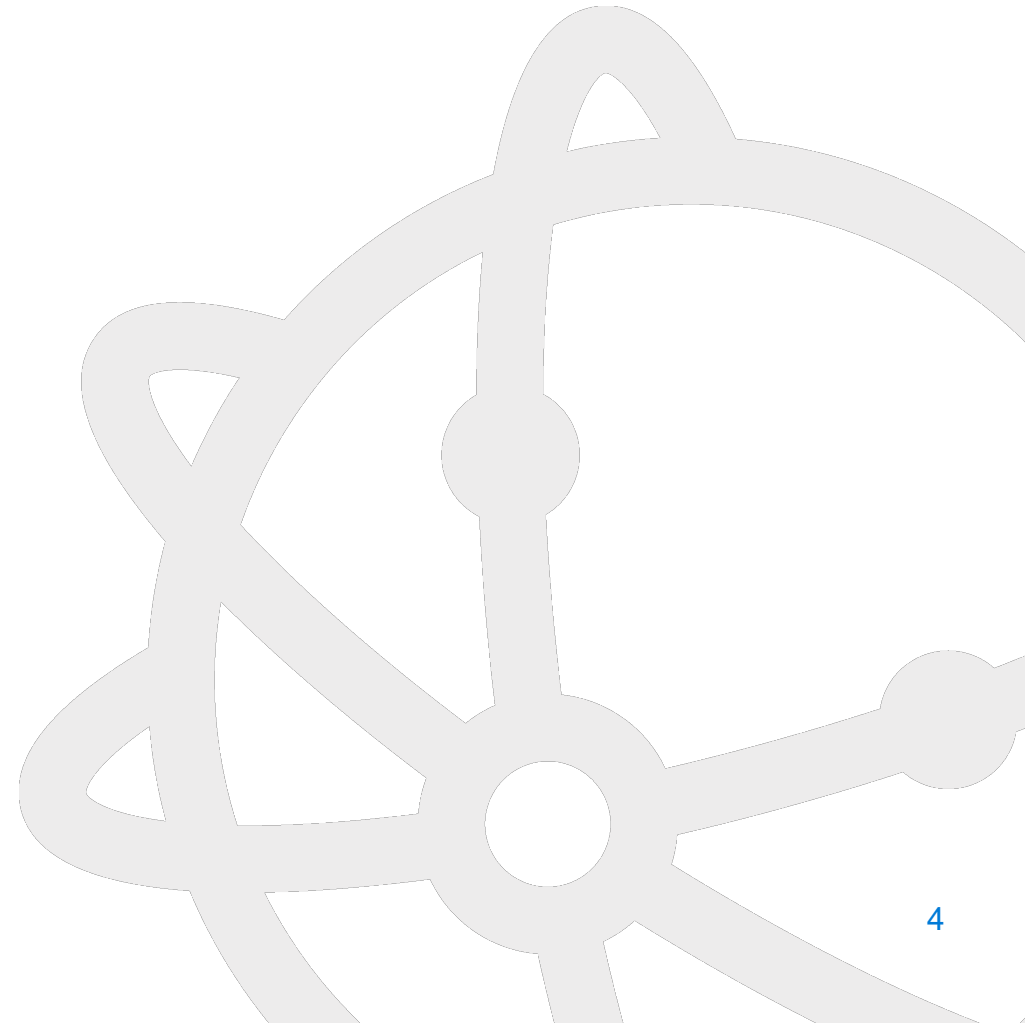- Open issues
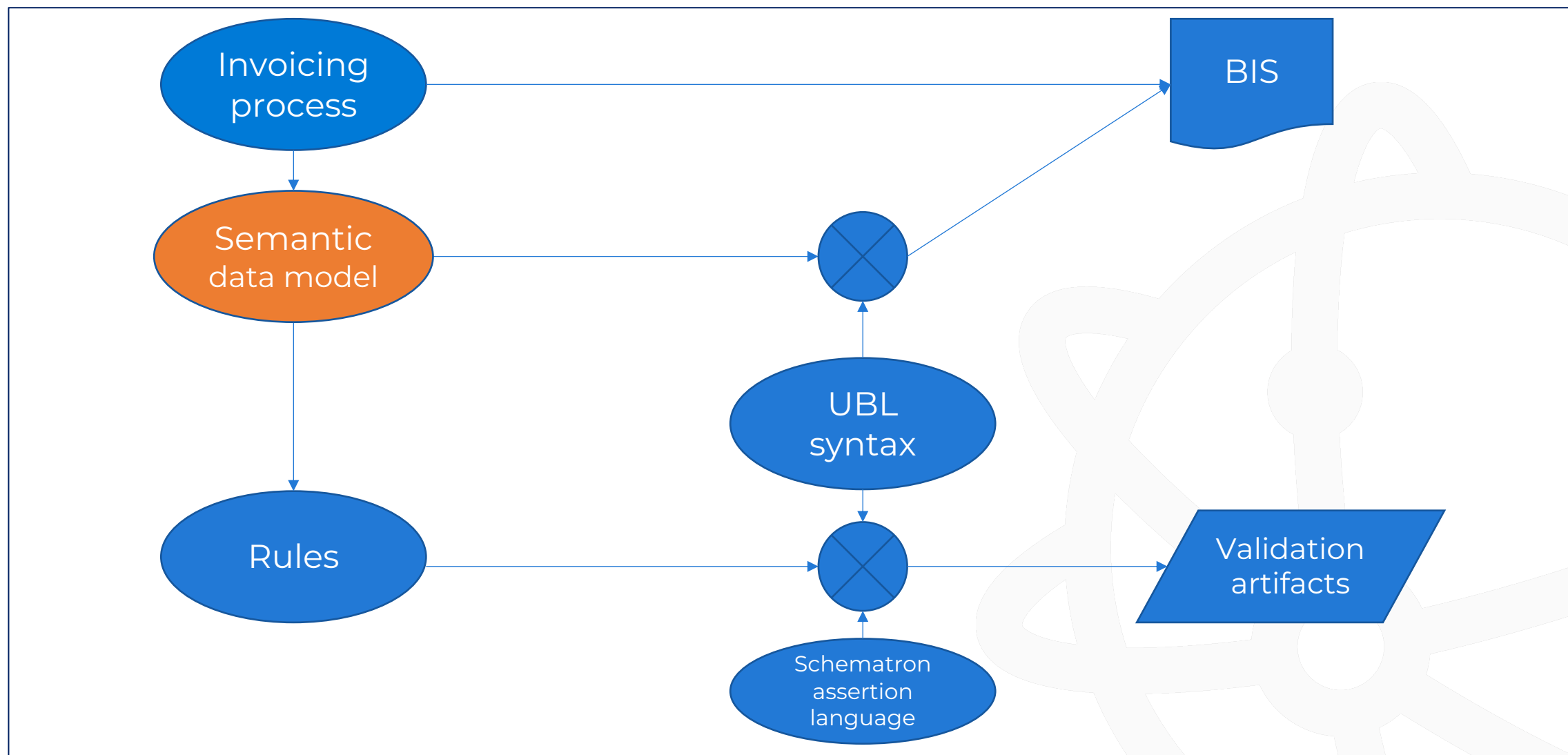- Roadmap for the data model
- Team

Components of the specifications

Invoicing process

- Specification of the overall document flow
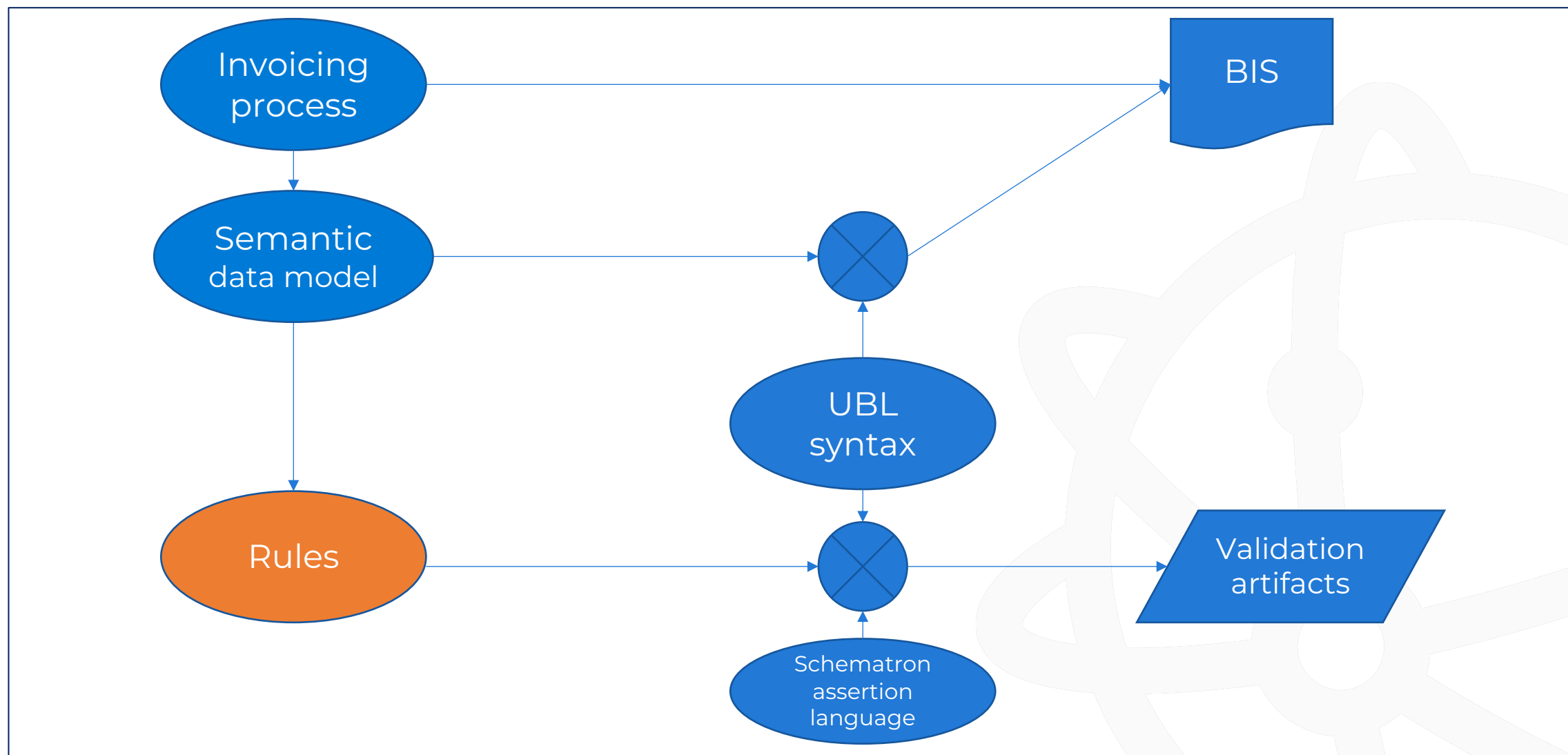
- Explanation of how use cases are handled

- https://docs.peppol.eu/poacc/billing/3.0/bis/

Components of the specifications

Invoicing process

Semantic data model

Rules

UBL syntax

Schematron assertion language

BIS

Validation artifacts

Data model

- Content of the invoice (business terms)
  - frequency (cardinality)
  - data type
- Meaning of the content (semantic definition)

- https://docs.peppol.eu/poacc/billing/3.0/syntax/ubl-invoice/tree/
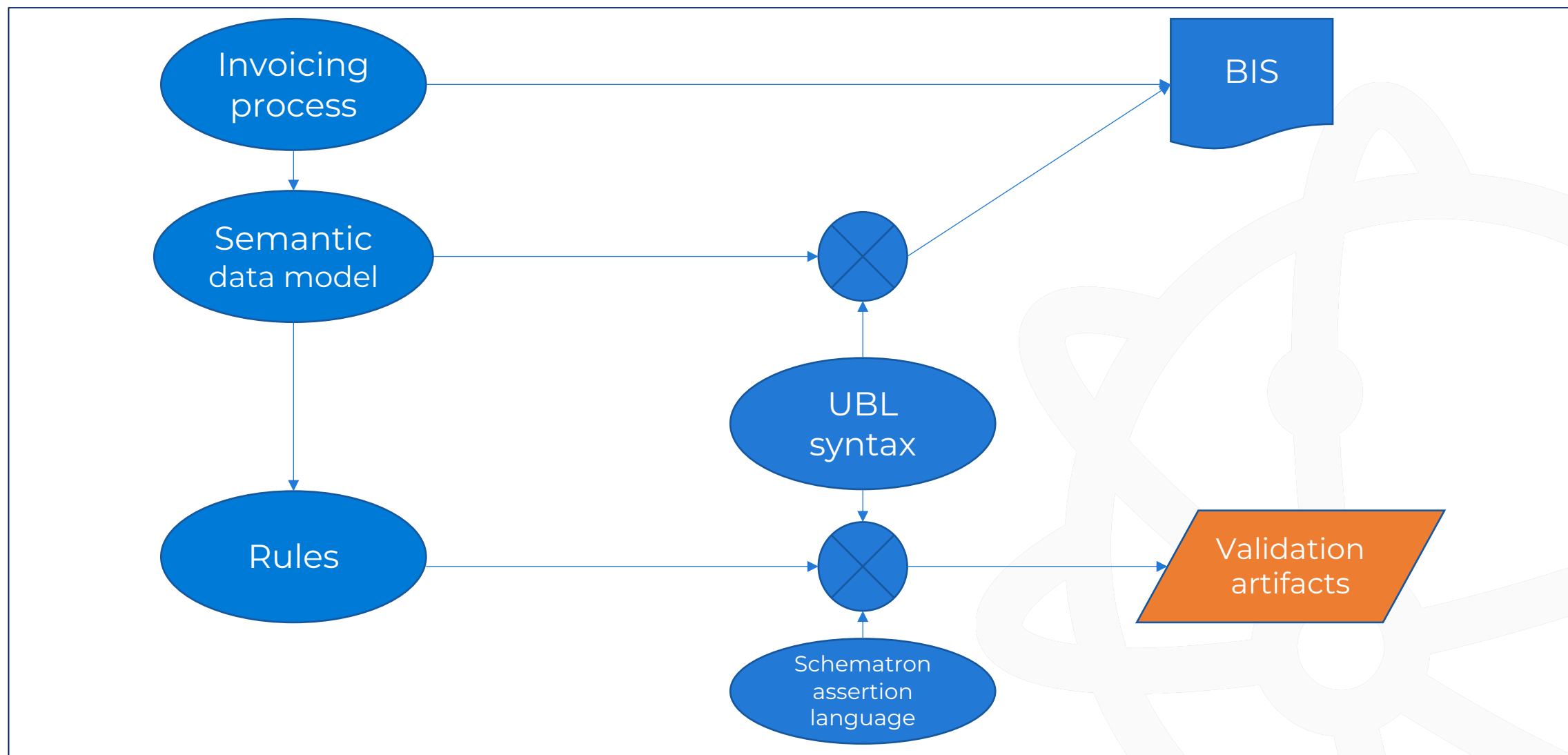
Components of the specifications

Rules

- How each business terms shall be used
  - how often they must and may appear (cardinalities)
  - allowed values
    - code lists
    - formats
- How business terms relate to each other
  - calculations
  - dependencies

- https://docs.peppol.eu/poacc/billing/3.0/bis/#rules
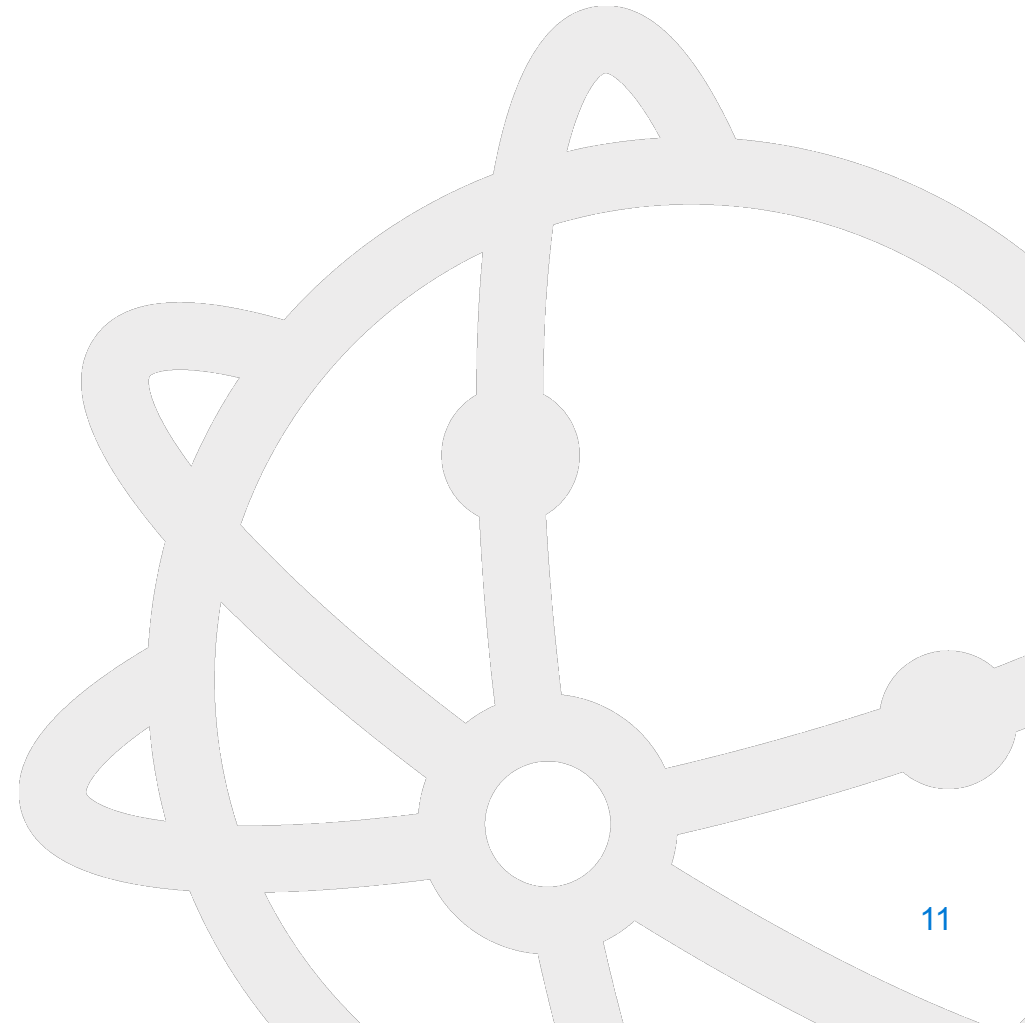
Components of the specifications

Validation artefacts

- Technical representation of the specification

- May be used by developers during implementation

- Shall be used by Senders (C2 on behalf of C1) before uploading to AP

- https://docs.peppol.eu/poacc/billing/3.0/files/PEPPOL-EN16931-UBL.sch

Data model, first draft

- See excel spreadsheet

Open issues

- Tax requirements
  - list of all CT categories, Consumption Tax, CT
- List of the legal requirements covered by NRI
  - including any proposed solutions, if any have been stated
- Relevant rules
- More examples of invoices
  - simple cases
  - complex cases

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- Milestones
  - End June 2021
    - Common invoice data model ready, Japanese BIS
    - Summarised invoice specification, Pattern 1
    - Demonstrate feasibility for
      - Pattern 2, statement, self-billing
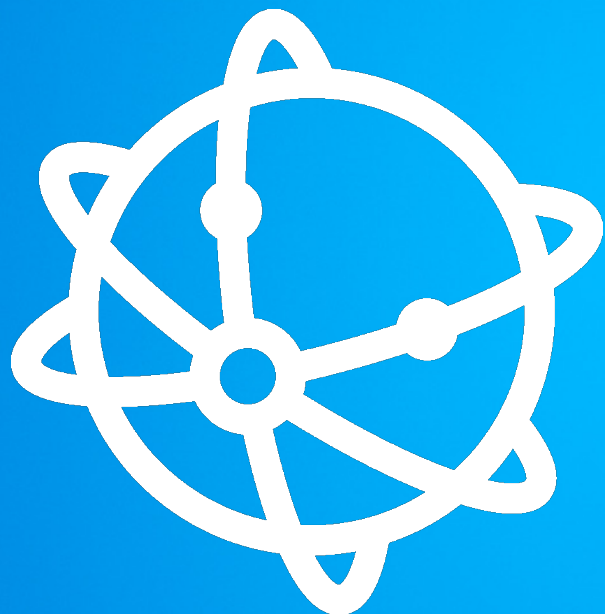 - End 2021
    - Pilot test, standard invoice and Pattern 1
    - Specifications for Pattern 2, statement, self-billing
    - Demonstrate pilot group solution providers can exchange invoices in test

- Milestones
  - By April 2022
    - Test environment ready for any number of participants
    - Starting 6 month test period
  - October 2022
    - One year before tax compliant invoice is mandated
    - Start offering Peppol as production service
  - October 2023
    - Tax compliant invoice is mandated
    - Sellers mandated to issue tax compliant invoice, can be paper or electronic

Working team

- Members
  - Peppol – Georg, Oriol
  - Japan – TBC, with knowledge of tax, legal and tech (automating messages/systems)
- Lead
  - Peppol during establishment of data model and rules
  - Japan takes over for documentation and confirmation
- Operation
  - Day-to-day interactions
  - Report progress to bi-weekly call of larger group

THANK YOU!

MORE INFORMATION

info@peppol.eu
www.peppol.eu

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