```yaml
# release 1.2 version: 10.8.2024
type: object
required: [attributes, mainScenarios, scenarioDef]
properties:
  attributes:
    type: array
    items:
      type: object
      required: [name, datatype]
      properties:
        name:
          description: attribute name in JSON path format (fully qualified, starting with
          root ClearingTicket)
          type: string
        label:
          description: short name of the attribute, can be used as label e.g., in a GUI
          type: string
        description:
          description: long description of the attribute, can be used as help text e.g., in a
          GUI
          type: string
        keyAttribute:
          description:
            "Addresses the attribute holding the type of an OBJECT or the virtual key of an
            ARRAY.
             As an ARRAY in this situation is always an ARRAY of OBJECT, the virtual key is
             similar to the type of an ARRAY element.
             This information helps to treat an ARRAY like a MAP"
          type: string
        datatype:
          description:
            "The technical type of the attribute:
            - STRING: a string
            - DATE: a date
            - DATETIME: a date and time information with time zone
            - BOOLEAN: true or false
            - NUMBER: a numeric string
            - OBJECT: container for other attributes
            - ARRAY: a list
            - ARRAY_INDEX: a special attribute of a list member which can be used to identify
            this entry (even if the list is not really a map).
            Such A list entry can be addressed by adding the value of this attribute to the
            list's name with in brackets, e.g., myList[myId] addresses an entry of list
            myList, where the attribute marked as ARRAY_INDEX has the value myId."

          enum:
            - STRING
            - DATE
            - DATETIME
            - BOOLEAN
            - NUMBER
            - OBJECT
            - ARRAY
            - ARRAY_INDEX
        minLength:
          description: minimum length for the value of an attribute if its value is not null
          type: number
        maxLength:
          description: maximum length for the value of an attribute
          type: number
        regexp:
          description: regular expression to check value content
          type: string
        multiline:
          description: The indicator for a multi-line attribute (if the attribute may contain
          new line / line feeds). Default is false.
          type: boolean
        example:
          description: example value for the attribute, can be used as input support e.g., in
          a GUI
          type:
            - string
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        - number
  occurrence:
    description:
      "The default occurrence of this attribute if not explicitly specified within a
      scenario: scenarioDef.
      The syntax is as follows:
       - Empty or 0: no presence, attribute may not take a value, ARRAYS must be empty
       - 1: mandatory, attribute must take a value, ARRAYS must have exactly one entry
       - 0..1: optional, attribute might take a value
       - n..m: only for ARRAYS: the size of the list might range between n and m
       entries."
    type:
      - string
      - number
  mandatoryInStructure:
    description:
      "The indicator for an attribute that is mandatory, as soon as the surrounding
      structure exists. Default is false.
      Along with exclusiveGroup, this attribute might get the meaning of
      mayBeMandatory,
      as only one of the exclusive groups might be filled, hence mandatoryInStructure
      is also mutually exclusive."
    type: boolean
  exclusiveGroup:
    description:
      "If an attribute (or a group of attributes) within a structure exclusively
      excludes another attribute (or groups of attributes),
      this is indicated by assigning it to a group."
    type: string
  values:
    type: array
    items:
      type: string
  setByPlatform:
    description:
      "Indicator for an attribute that is always set by the platform, whether or not a
      value has been passed by the caller."
    type: boolean
additionalProperties: false

mainScenarios:
  type: object
  additionalProperties:
    description: main scenario description
    type: string

scenarioDef:
  type: object
  additionalProperties:
    type: object
    properties:
      id:
        description: scenario id
        type:
          - string
          - number
      name:
        description: scenario description
        type: string
      mainKey:
        description: id of the corresponding main scenario, e.g., 1.0
        type:
          - string
          - number
      attributes:
        description: presence information per attribute
        type: object
        additionalProperties:
          description:
            "the occurrence value
             - Empty or 0: no presence, attribute may not take a value, ARRAYS must be empty
             - 1: mandatory, attribute must take a value, ARRAYS must have exactly one entry
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        - 0..1: optional, attribute might take a value
        - n..m: only for ARRAYS: the size of the list might range between n and m
          entries."
      type:
        - string
        - number
  responseDeadline:
    description: response deadline in days
    type: integer
  fillWithOriginator:
    description: fill given attribute with originator id
    type: string
  fillWithProcessor:
    description: fill given attribute with processor id
    type: string
additionalProperties: false
```