

Схема формата обмена СМДО

Open API 3.0 JSON схема формата обмена СМДО:

```
{
  "components": {
    "schemas": {
      "smdo_schema": {
        "type": "object",
        "properties": {
          "envelop": {
            "type": "object",
            "$ref": "#/components/schemas/envelop"
          }
        },
        "required": [
          "envelop"
        ],
        "additionalProperties": false
      },
      "envelop": {
        "type": "object",
        "properties": {
          "dtstamp": {
            "type": "string",
            "format": "date-time"
          },
          "type": {
            "type": "string"
          },
          "msg_id": {
            "type": "string",
            "minLength": 1
          },
          "subject": {
            "type": "string",
            "minLength": 1
          },
          "header": {
            "type": "object",
            "$ref": "#/components/schemas/header"
          },
          "body": {
            "type": "object",
            "$ref": "#/components/schemas/body"
          }
        },
        "required": [
          "dtstamp",
```

```

    "type",
    "msg_id",
    "subject",
    "header",
    "body"
  ],
  "additionalProperties": false
},
"header": {
  "type": "object",
  "properties": {
    "msg_type": {
      "type": "integer",
      "enum": [
        0,
        1,
        2,
        3,
        4
      ]
    },
    "msg_acknow": {
      "type": "integer",
      "nullable": true,
      "enum": [
        null,
        0,
        1,
        2
      ]
    },
    "sender": {
      "type": "object",
      "$ref": "#/components/schemas/sender"
    },
    "receiver": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/receiver"
      },
      "minItems": 1,
      "maxItems": 100
    }
  },
  "required": [
    "msg_type",
    "sender",
    "receiver"
  ],
  "additionalProperties": false
},

```

```
"sender": {
  "type": "object",
  "properties": {
    "id": {
      "type": "string",
      "minLength": 1
    },
    "name": {
      "type": "string",
      "minLength": 1
    },
    "sys_id": {
      "type": "string",
      "minLength": 1
    },
    "system": {
      "type": "string",
      "minLength": 1
    },
    "system_details": {
      "type": "string",
      "minLength": 1
    }
  },
  "required": [
    "id",
    "name",
    "sys_id",
    "system",
    "system_details"
  ],
  "additionalProperties": false
},
"receiver": {
  "type": "object",
  "anyOf": [
    {
      "properties": {
        "id": {
          "type": "string",
          "minLength": 1
        },
        "name": {
          "type": "string",
          "minLength": 1
        },
        "sys_id": {
          "type": "string",
          "nullable": true
        },
        "system": {
          "type": "string",
```

```

        "nullable": true
    },
    "system_details": {
        "type": "string",
        "nullable": true
    },
    "organization": {
        "type": "object",
        "nullable": true
    },
    "privatePerson": {
        "type": "object",
        "$ref": "#/components/schemas/privatePerson"
    },
    "referred": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/referred"
        }
    },
    "required": [
        "id",
        "name",
        "privatePerson"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "id": {
            "type": "string",
            "minLength": 1
        },
        "name": {
            "type": "string",
            "minLength": 1
        },
        "sys_id": {
            "type": "string",
            "nullable": true
        },
        "system": {
            "type": "string",
            "nullable": true
        },
        "system_details": {
            "type": "string",
            "nullable": true
        }
    },

```

```

        "organization": {
            "type": "object",
            "$ref": "#/components/schemas/organization"
        },
        "privatePerson": {
            "type": "object",
            "nullable": true
        },
        "referred": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/referred"
            }
        }
    },
    "required": [
        "id",
        "name",
        "organization"
    ],
    "additionalProperties": false
}
]
},
"organization": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "organization_string": {
                    "type": "string"
                },
                "fullname": {
                    "type": "string",
                    "nullable": true
                },
                "shortname": {
                    "type": "string",
                    "nullable": true
                },
                "ownership": {
                    "type": "string",
                    "nullable": true
                },
                "address": {
                    "type": "object",
                    "$ref": "#/components/schemas/address"
                },
                "econtact": {
                    "type": "array",

```

```

        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    },
    "officialPerson": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/officialPerson"
        }
    }
},
    "required": [
        "organization_string"
    ],
    "additionalProperties": false
},
    {
        "properties": {
            "organization_string": {
                "type": "string"
            },
            "fullname": {
                "type": "string",
                "nullable": true
            },
            "shortname": {
                "type": "string",
                "nullable": true
            },
            "ownership": {
                "type": "string",
                "nullable": true
            },
            "address": {
                "type": "object",
                "$ref": "#/components/schemas/address"
            },
            "econtact": {
                "type": "array",
                "nullable": true,
                "items": {
                    "type": "object",
                    "$ref": "#/components/schemas/econtact"
                }
            },
            "officialPerson": {
                "type": "object",
                "$ref": "#/components/schemas/officialPerson"
            }
        }
    }
}

```

```

        }
    },
    "required": [
        "organization_string"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "organization_string": {
            "type": "string"
        },
        "fullname": {
            "type": "string",
            "nullable": true
        },
        "shortname": {
            "type": "string",
            "nullable": true
        },
        "ownership": {
            "type": "string",
            "nullable": true
        },
        "address": {
            "type": "object",
            "$ref": "#/components/schemas/address"
        },
        "econtact": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/econtact"
            }
        },
        "officialPerson": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "organization_string"
    ],
    "additionalProperties": false
}
]
},
"address": {
    "type": "object",
    "nullable": true,
    "properties": {

```

```
"street": {
  "type": "string",
  "nullable": true
},
"house": {
  "type": "string",
  "nullable": true
},
"building": {
  "type": "string",
  "nullable": true
},
"flat": {
  "type": "string",
  "nullable": true
},
"settlement": {
  "type": "string",
  "nullable": true
},
"district": {
  "type": "string",
  "nullable": true
},
"region": {
  "type": "string",
  "nullable": true
},
"country": {
  "type": "string",
  "nullable": true
},
"postcode": {
  "type": "string",
  "nullable": true
},
"postbox": {
  "type": "string",
  "nullable": true
},
"nontypical": {
  "type": "string",
  "nullable": true
},
"value": {
  "type": "string",
  "nullable": true
}
},
"additionalProperties": false
},
"econtact": {
```



```

    "type": "object",
    "properties": {
      "type": {
        "type": "integer",
        "nullable": true,
        "enum": [
null,
0,
1,
2,
3,
4,
5,
6
]
      },
      "value": {
        "type": "string",
        "nullable": true
      }
    },
    "additionalProperties": false
  },
  "officialPerson": {
    "type": "object",
    "properties": {
      "name": {
        "type": "object",
        "$ref": "#/components/schemas/name"
      },
      "official": {
        "type": "array",
        "nullable": true,
        "items": {
          "type": "object",
          "$ref": "#/components/schemas/official"
        }
      },
      "rank": {
        "type": "array",
        "nullable": true,
        "items": {
          "type": "object",
          "$ref": "#/components/schemas/rank"
        }
      },
      "address": {
        "type": "object",
        "$ref": "#/components/schemas/address"
      },
      "econtact": {
        "type": "array",

```

```

        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    },
    "required": [
        "name"
    ],
    "additionalProperties": false
},
"name": {
    "type": "object",
    "properties": {
        "secname": {
            "type": "string",
            "nullable": true
        },
        "firstname": {
            "type": "string",
            "nullable": true
        },
        "fathersname": {
            "type": "string",
            "nullable": true
        },
        "value": {
            "type": "string",
            "nullable": true
        }
    },
    "additionalProperties": false
},
"official": {
    "type": "object",
    "properties": {
        "department": {
            "type": "string",
            "nullable": true
        },
        "post": {
            "type": "string",
            "nullable": true
        },
        "separator": {
            "type": "string",
            "nullable": true
        },
        "value": {
            "type": "string",
            "nullable": true
        }
    }
}

```

```

    }
  },
  "additionalProperties": false
},
"rank": {
  "type": "object",
  "properties": {
    "value": {
      "type": "string",
      "nullable": true
    }
  },
  "additionalProperties": false
},
"privatePerson": {
  "type": "object",
  "properties": {
    "inn": {
      "type": "string",
      "nullable": true
    },
    "doc_kind": {
      "type": "string",
      "nullable": true
    },
    "doc_num": {
      "type": "string",
      "nullable": true
    },
    "doc_org": {
      "type": "string",
      "nullable": true
    },
    "doc_date": {
      "type": "string",
      "format": "date",
      "nullable": true
    },
    "name": {
      "type": "object",
      "$ref": "#/components/schemas/name"
    },
    "rank": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/rank"
      }
    },
    "address": {
      "type": "object",

```

```

        "$ref": "#/components/schemas/address"
    },
    "econtact": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    }
},
"required": [
    "name"
],
"additionalProperties": false
},
"referred": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "idnumber": {
                    "type": "string",
                    "nullable": true
                },
                "retype": {
                    "type": "string",
                    "nullable": true
                },
                "regNumber": {
                    "type": "object",
                    "$ref": "#/components/schemas/regNumber"
                },
                "taskNumber": {
                    "type": "object",
                    "nullable": true
                }
            },
            "required": [
                "regNumber"
            ]
        },
        {
            "properties": {
                "idnumber": {
                    "type": "string",
                    "nullable": true
                },
                "retype": {
                    "type": "string",
                    "nullable": true
                }
            }
        }
    ]
},
"additionalProperties": false
},
{
    "properties": {
        "idnumber": {
            "type": "string",
            "nullable": true
        },
        "retype": {
            "type": "string",
            "nullable": true
        }
    }
}

```

```

        },
        "regNumber": {
            "type": "object",
            "nullable": true
        },
        "taskNumber": {
            "type": "object",
            "$ref": "#/components/schemas/taskNumber"
        }
    },
    "required": [
        "taskNumber"
    ],
    "additionalProperties": false
}
]
},
"regNumber": {
    "type": "object",
    "properties": {
        "regdate": {
            "type": "string",
            "format": "date"
        },
        "value": {
            "type": "string",
            "nullable": true
        }
    },
    "required": [
        "regdate"
    ],
    "additionalProperties": false
},
"taskNumber": {
    "type": "object",
    "properties": {
        "taskDate": {
            "type": "string",
            "format": "date"
        },
        "value": {
            "type": "string"
        }
    },
    "required": [
        "taskDate"
    ],
    "additionalProperties": false
},
"body": {
    "type": "object",

```

```

"anyOf": [
  {
    "properties": {
      "document": {
        "type": "object",
        "$ref": "#/components/schemas/document"
      },
      "taskList": {
        "type": "object",
        "$ref": "#/components/schemas/taskList"
      },
      "addDocuments": {
        "type": "object",
        "$ref": "#/components/schemas/addDocuments"
      },
      "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
      },
      "acknowledgement": {
        "type": "object",
        "nullable": true
      },
      "datadir": {
        "type": "object",
        "nullable": true
      }
    },
    "required": [
      "document"
    ],
    "additionalProperties": false
  },
  {
    "properties": {
      "document": {
        "type": "object",
        "$ref": "#/components/schemas/document"
      },
      "taskList": {
        "type": "object",
        "nullable": true
      },
      "addDocuments": {
        "type": "object",
        "nullable": true
      },
      "expansion": {
        "type": "object",
        "nullable": true
      },
      "acknowledgement": {

```

```

        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "document"
],
"additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {
            "type": "object",
            "$ref": "#/components/schemas/taskList"
        },
        "addDocuments": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "nullable": true
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "document"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {

```

```

        "type": "object",
        "nullable": true
    },
    "addDocuments": {
        "type": "object",
        "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
        "type": "object",
        "nullable": true
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "document"
],
"additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    }
},

```



```

        "required": [
            "document"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "document": {
                "type": "object",
                "$ref": "#/components/schemas/document"
            },
            "taskList": {
                "type": "object",
                "$ref": "#/components/schemas/taskList"
            },
            "addDocuments": {
                "type": "object",
                "$ref": "#/components/schemas/addDocuments"
            },
            "expansion": {
                "type": "object",
                "nullable": true
            },
            "acknowledgement": {
                "type": "object",
                "nullable": true
            },
            "datadir": {
                "type": "object",
                "nullable": true
            }
        },
        "required": [
            "document"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "document": {
                "type": "object",
                "$ref": "#/components/schemas/document"
            },
            "taskList": {
                "type": "object",
                "$ref": "#/components/schemas/taskList"
            },
            "addDocuments": {
                "type": "object",
                "nullable": true
            },
            "expansion": {

```

```

        "type": "object",
        "$ref": "#/components/schemas/expansion"
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "document"
],
"additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "$ref": "#/components/schemas/addDocuments"
        },
        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "document"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {

```

```

        "type": "object",
        "nullable": true
    },
    "taskList": {
        "type": "object",
        "$ref": "#/components/schemas/taskList"
    },
    "addDocuments": {
        "type": "object",
        "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "taskList"
],
"additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "nullable": true
        },
        "taskList": {
            "type": "object",
            "$ref": "#/components/schemas/taskList"
        },
        "addDocuments": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "nullable": true
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {

```

```

        "type": "object",
        "nullable": true
    },
    },
    "required": [
        "taskList"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "nullable": true
        },
        "taskList": {
            "type": "object",
            "$ref": "#/components/schemas/taskList"
        },
        "addDocuments": {
            "type": "object",
            "$ref": "#/components/schemas/addDocuments"
        },
        "expansion": {
            "type": "object",
            "nullable": true
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "taskList"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "nullable": true
        },
        "taskList": {
            "type": "object",
            "$ref": "#/components/schemas/taskList"
        },
        "addDocuments": {

```

```

        "type": "object",
        "nullable": true
    },
    "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
    "required": [
        "taskList"
    ],
    "additionalProperties": false
},
    {
        "properties": {
            "document": {
                "type": "object",
                "nullable": true
            },
            "taskList": {
                "type": "object",
                "$ref": "#/components/schemas/taskList"
            },
            "addDocuments": {
                "type": "object",
                "$ref": "#/components/schemas/addDocuments"
            },
            "expansion": {
                "type": "object",
                "$ref": "#/components/schemas/expansion"
            },
            "acknowledgement": {
                "type": "object",
                "nullable": true
            },
            "datadir": {
                "type": "object",
                "nullable": true
            }
        },
        "required": [
            "addDocuments"
        ],
        "additionalProperties": false
    }

```

```

},
{
  "properties": {
    "document": {
      "type": "object",
      "nullable": true
    },
    "taskList": {
      "type": "object",
      "nullable": true
    },
    "addDocuments": {
      "type": "object",
      "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
      "type": "object",
      "nullable": true
    },
    "acknowledgement": {
      "type": "object",
      "nullable": true
    },
    "datadir": {
      "type": "object",
      "nullable": true
    }
  },
  "required": [
    "addDocuments"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "document": {
      "type": "object",
      "nullable": true
    },
    "taskList": {
      "type": "object",
      "$ref": "#/components/schemas/taskList"
    },
    "addDocuments": {
      "type": "object",
      "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
      "type": "object",
      "nullable": true
    },
    "acknowledgement": {

```

```

        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
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"required": [
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"additionalProperties": false
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{
    "properties": {
        "document": {
            "type": "object",
            "nullable": true
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "$ref": "#/components/schemas/addDocuments"
        },
        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        },
        "acknowledgement": {
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            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "addDocuments"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {

```

```

        "type": "object",
        "nullable": true
    },
    "addDocuments": {
        "type": "object",
        "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "document"
],
"additionalProperties": false
},
{
    "properties": {
        "document": {
            "type": "object",
            "$ref": "#/components/schemas/document"
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
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            "nullable": true
        },
        "expansion": {
            "type": "object",
            "nullable": true
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    }
},

```



```

        "required": [
            "document"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "document": {
                "type": "object",
                "$ref": "#/components/schemas/document"
            },
            "taskList": {
                "type": "object",
                "nullable": true
            },
            "addDocuments": {
                "type": "object",
                "$ref": "#/components/schemas/addDocuments"
            },
            "expansion": {
                "type": "object",
                "nullable": true
            },
            "acknowledgement": {
                "type": "object",
                "nullable": true
            },
            "datadir": {
                "type": "object",
                "nullable": true
            }
        },
        "required": [
            "document"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "document": {
                "type": "object",
                "$ref": "#/components/schemas/document"
            },
            "taskList": {
                "type": "object",
                "nullable": true
            },
            "addDocuments": {
                "type": "object",
                "nullable": true
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            "expansion": {

```

```

        "type": "object",
        "$ref": "#/components/schemas/expansion"
    },
    "acknowledgement": {
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    },
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        "type": "object",
        "nullable": true
    }
},
"required": [
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],
"additionalProperties": false
},
{
    "properties": {
        "document": {
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            "nullable": true
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "$ref": "#/components/schemas/addDocuments"
        },
        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        },
        "acknowledgement": {
            "type": "object",
            "nullable": true
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "addDocuments"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "document": {

```

```

        "type": "object",
        "nullable": true
    },
    "taskList": {
        "type": "object",
        "nullable": true
    },
    "addDocuments": {
        "type": "object",
        "$ref": "#/components/schemas/addDocuments"
    },
    "expansion": {
        "type": "object",
        "nullable": true
    },
    "acknowledgement": {
        "type": "object",
        "nullable": true
    },
    "datadir": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "addDocuments"
],
"additionalProperties": false
},
{
    "properties": {
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            "nullable": true
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        },
        "acknowledgement": {
            "type": "object",
            "$ref": "#/components/schemas/acknowledgement"
        },
        "datadir": {

```

```

        "type": "object",
        "nullable": true
    },
    "required": [
        "acknowledgement"
    ],
    "additionalProperties": false
},
{
    "properties": {
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            "type": "object",
            "nullable": true
        },
        "taskList": {
            "type": "object",
            "nullable": true
        },
        "addDocuments": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "nullable": true
        },
        "acknowledgement": {
            "type": "object",
            "$ref": "#/components/schemas/acknowledgement"
        },
        "datadir": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "acknowledgement"
    ],
    "additionalProperties": false
}
]
},
"document": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "idnumber": {
                    "type": "string",
                    "minLength": 1
                },
            },

```

```

        "type": {
            "type": "integer",
            "enum": [
0,
1,
2
]
        },
        "kind": {
            "type": "string",
            "minLength": 1
        },
        "pages": {
            "type": "integer",
            "nullable": true
        },
        "title": {
            "type": "string",
            "nullable": true
        },
        "annotation": {
            "type": "string",
            "nullable": true
        },
        "collection": {
            "type": "integer",
            "nullable": true,
            "enum": [
null,
0,
1
]
        },
        "regNumber": {
            "type": "object",
            "$ref": "#/components/schemas/regNumber"
        },
        "docParent": {
            "type": "object",
            "nullable": true
        },
        "confident": {
            "type": "object",
            "$ref": "#/components/schemas/confident"
        },
        "referred": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/referred"
            }
        }
    }
}

```

```

    },
    "docNumber": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/docNumber"
      }
    },
    "docTransfer": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/docTransfer"
      },
      "minItems": 1
    },
    "regHistory": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/regHistory"
      }
    },
    "author": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/author"
      },
      "minItems": 1
    },
    "validator": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/validator"
      }
    },
    "writer": {
      "type": "object",
      "nullable": true
    }
  },
  "required": [
    "idnumber",
    "type",
    "kind",
    "pages",
    "regNumber",

```

```

    "confident",
    "docTransfer",
    "author"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "idnumber": {
      "type": "string",
      "minLength": 1
    },
    "type": {
      "type": "integer",
      "enum": [
0,
1,
2
      ]
    },
    "kind": {
      "type": "string",
      "minLength": 1
    },
    "pages": {
      "type": "integer",
      "nullable": true
    },
    "title": {
      "type": "string",
      "nullable": true
    },
    "annotation": {
      "type": "string",
      "nullable": true
    },
    "collection": {
      "type": "integer",
      "nullable": true,
      "enum": [
0,
1
      ]
    },
    "regNumber": {
      "type": "object",
      "$ref": "#/components/schemas/regNumber"
    },
    "docParent": {
      "type": "object",
      "nullable": true
    },
  },

```

```
"confident": {
  "type": "object",
  "$ref": "#/components/schemas/confident"
},
"referred": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/referred"
  }
},
"docNumber": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/docNumber"
  }
},
"docTransfer": {
  "type": "array",
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/docTransfer"
  },
  "minItems": 1
},
"regHistory": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/regHistory"
  }
},
"author": {
  "type": "array",
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/author"
  },
  "minItems": 1
},
"validator": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/validator"
  }
},
```



```

        "writer": {
            "type": "object",
            "$ref": "#/components/schemas/writer"
        },
        "required": [
            "idnumber",
            "type",
            "kind",
            "pages",
            "regNumber",
            "confident",
            "docTransfer",
            "author"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "idnumber": {
                "type": "string",
                "minLength": 1
            },
            "type": {
                "type": "integer",
                "enum": [
                    0,
                    1,
                    2
                ]
            },
            "kind": {
                "type": "string",
                "minLength": 1
            },
            "pages": {
                "type": "integer",
                "nullable": true
            },
            "title": {
                "type": "string",
                "nullable": true
            },
            "annotation": {
                "type": "string",
                "nullable": true
            },
            "collection": {
                "type": "integer",
                "nullable": true,
                "enum": [
                    0,

```

1
]

```
},
"regNumber": {
  "type": "object",
  "$ref": "#/components/schemas/regNumber"
},
"docParent": {
  "type": "object",
  "$ref": "#/components/schemas/docParent"
},
"confident": {
  "type": "object",
  "$ref": "#/components/schemas/confident"
},
"referred": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/referred"
  }
},
"docNumber": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/docNumber"
  }
},
"docTransfer": {
  "type": "array",
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/docTransfer"
  },
  "minItems": 1
},
"regHistory": {
  "type": "array",
  "nullable": true,
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/regHistory"
  }
},
"author": {
  "type": "array",
  "items": {
    "type": "object",
    "$ref": "#/components/schemas/author"
  }
}
```

```

        },
        "minItems": 1
    },
    "validator": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/validator"
        }
    },
    "writer": {
        "type": "object",
        "nullable": true
    }
},
"required": [
    "idnumber",
    "type",
    "kind",
    "pages",
    "regNumber",
    "docParent",
    "confident",
    "docTransfer",
    "author"
],
    "additionalProperties": false
},
{
    "properties": {
        "idnumber": {
            "type": "string",
            "minLength": 1
        },
        "type": {
            "type": "integer",
            "enum": [
                0,
                1,
                2
            ]
        },
        "kind": {
            "type": "string",
            "minLength": 1
        },
        "pages": {
            "type": "integer",
            "nullable": true
        },
        "title": {

```

```

        "type": "string",
        "nullable": true
    },
    "annotation": {
        "type": "string",
        "nullable": true
    },
    "collection": {
        "type": "integer",
        "nullable": true,
        "enum": [
0,
1
]
    },
    "regNumber": {
        "type": "object",
        "$ref": "#/components/schemas/regNumber"
    },
    "docParent": {
        "type": "object",
        "$ref": "#/components/schemas/docParent"
    },
    "confident": {
        "type": "object",
        "$ref": "#/components/schemas/confident"
    },
    "referred": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/referred"
        }
    },
    "docNumber": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/docNumber"
        }
    },
    "docTransfer": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/docTransfer"
        },
        "minItems": 1
    },
    "regHistory": {

```

```

        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/regHistory"
        }
    },
    "author": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/author"
        },
        "minItems": 1
    },
    "validator": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/validator"
        }
    },
    "writer": {
        "type": "object",
        "$ref": "#/components/schemas/writer"
    }
},
"required": [
    "idnumber",
    "type",
    "kind",
    "pages",
    "regNumber",
    "docParent",
    "confident",
    "docTransfer",
    "author"
],
    "additionalProperties": false
}
]
},
"docParent": {
    "type": "object",
    "properties": {
        "idnumber": {
            "type": "string",
            "minLength": 1
        },
    },
    "lastmsg_id": {
        "type": "string",

```

```

        "minLength": 1
    },
    "parmsg_id": {
        "type": "string",
        "minLength": 1
    },
    "delivery_type": {
        "type": "integer",
        "enum": [
0,
1
]
    },
    "parorg_id": {
        "type": "string",
        "minLength": 1
    },
    "regNumber": {
        "type": "object",
        "$ref": "#/components/schemas/regNumber"
    }
},
"required": [
"idnumber",
"lastmsg_id",
"parmsg_id",
"delivery_type",
"parorg_id",
"regNumber"
],
"additionalProperties": false
},
"confident": {
    "type": "object",
    "properties": {
        "flag": {
            "type": "integer",
            "enum": [
0,
1
]
        },
        "numcopy": {
            "type": "string",
            "nullable": true
        },
        "value": {
            "type": "string",
            "nullable": true
        }
    }
},
"required": [

```

```

    "flag"
  ],
  "additionalProperties": false
},
"docNumber": {
  "type": "object",
  "properties": {
    "kind": {
      "type": "string",
      "minLength": 1
    },
    "organizationOnly": {
      "type": "object",
      "$ref": "#/components/schemas/organizationOnly"
    },
    "regNumber": {
      "type": "object",
      "$ref": "#/components/schemas/regNumber"
    }
  },
  "required": [
    "kind",
    "organizationOnly",
    "regNumber"
  ],
  "additionalProperties": false
},
"organizationOnly": {
  "type": "object",
  "properties": {
    "organization_string": {
      "type": "string"
    },
    "fullname": {
      "type": "string",
      "nullable": true
    },
    "shortname": {
      "type": "string",
      "nullable": true
    },
    "ownership": {
      "type": "string",
      "nullable": true
    },
    "address": {
      "type": "object",
      "$ref": "#/components/schemas/address"
    },
    "econtact": {
      "type": "array",
      "nullable": true,

```

```

        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    },
    "required": [
        "organization_string"
    ],
    "additionalProperties": false
},
"docTransfer": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "name": {
                    "type": "string",
                    "minLength": 1
                },
                "os": {
                    "type": "string",
                    "nullable": true
                },
                "type": {
                    "type": "string",
                    "nullable": true
                },
                "ordernum": {
                    "type": "integer",
                    "nullable": true
                },
                "type_ver": {
                    "type": "string",
                    "nullable": true
                },
                "char_set": {
                    "type": "string",
                    "nullable": true
                },
                "description": {
                    "type": "string",
                    "nullable": true
                },
                "created": {
                    "type": "string",
                    "format": "date-time",
                    "nullable": true
                },
                "modified": {
                    "type": "string",
                    "format": "date-time",

```



```

        "nullable": true
    },
    "data": {
        "type": "object",
        "$ref": "#/components/schemas/data"
    },
    "signature": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/signature"
        },
        "minItems": 1
    }
},
"required": [
    "name",
    "data",
    "signature"
],
"additionalProperties": false
},
{
    "properties": {
        "name": {
            "type": "string",
            "minLength": 1
        },
        "os": {
            "type": "string",
            "nullable": true
        },
        "type": {
            "type": "string",
            "nullable": true
        },
        "ordernum": {
            "type": "integer",
            "nullable": true
        },
        "type_ver": {
            "type": "string",
            "nullable": true
        },
        "char_set": {
            "type": "string",
            "nullable": true
        },
        "description": {
            "type": "string",
            "nullable": true
        }
    },

```

```

        "created": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "modified": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "data": {
            "type": "object",
            "$ref": "#/components/schemas/data"
        },
        "signature": {
            "type": "object",
            "$ref": "#/components/schemas/signature"
        }
    },
    "required": [
        "name",
        "data",
        "signature"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "name": {
            "type": "string",
            "minLength": 1
        },
        "os": {
            "type": "string",
            "nullable": true
        },
        "type": {
            "type": "string",
            "nullable": true
        },
        "ordernum": {
            "type": "integer",
            "nullable": true
        },
        "type_ver": {
            "type": "string",
            "nullable": true
        },
        "char_set": {
            "type": "string",
            "nullable": true
        }
    },

```

```

        "description": {
            "type": "string",
            "nullable": true
        },
        "created": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "modified": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "data": {
            "type": "object",
            "$ref": "#/components/schemas/data"
        },
        "signature": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "name",
        "data"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "name": {
            "type": "string",
            "minLength": 1
        },
        "os": {
            "type": "string",
            "nullable": true
        },
        "type": {
            "type": "string",
            "nullable": true
        },
        "ordernum": {
            "type": "integer",
            "nullable": true
        },
        "type_ver": {
            "type": "string",
            "nullable": true
        },
        "char_set": {

```

```

        "type": "string",
        "nullable": true
    },
    "description": {
        "type": "string",
        "nullable": true
    },
    "created": {
        "type": "string",
        "format": "date-time",
        "nullable": true
    },
    "modified": {
        "type": "string",
        "format": "date-time",
        "nullable": true
    },
    "data": {
        "type": "object",
        "$ref": "#/components/schemas/data"
    }
},
"required": [
    "name",
    "data"
],
"additionalProperties": false
}
]
},
"data": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "referenceid": {
                    "type": "string",
                    "nullable": true
                },
                "value": {
                    "type": "string",
                    "nullable": true
                }
            }
        },
        {
            "properties": {
                "referenceid": {
                    "type": "string"
                },
                "value": {

```

```

        "type": "string"
    },
    "required": [
        "referenceid",
        "value"
    ],
    "additionalProperties": false
}
]
},
"signature": {
    "type": "object",
    "properties": {
        "keyid": {
            "type": "string",
            "nullable": true
        },
        "signer": {
            "type": "string",
            "nullable": true
        },
        "signtime": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "operation_type": {
            "type": "string",
            "nullable": true
        },
        "orig_signature": {
            "type": "string",
            "nullable": true
        },
        "value": {
            "type": "string",
            "nullable": true
        }
    },
    "additionalProperties": false
},
"regHistory": {
    "type": "object",
    "properties": {
        "idnumber": {
            "type": "string",
            "nullable": true
        },
        "organizationOnly": {
            "type": "object",
            "$ref": "#/components/schemas/organizationOnly"
        }
    }
}

```

```

    },
    "regNumber": {
      "type": "object",
      "$ref": "#/components/schemas/regNumber"
    }
  },
  "required": [
    "organizationOnly",
    "regNumber"
  ],
  "additionalProperties": false
},
"author": {
  "type": "object",
  "anyOf": [
    {
      "properties": {
        "organizationWithSign": {
          "type": "object",
          "$ref": "#/components/schemas/organizationWithSign"
        },
        "privatePersonWithSign": {
          "type": "object",
          "nullable": true
        },
        "outNumber": {
          "type": "object",
          "nullable": true
        }
      },
      "required": [
        "organizationWithSign"
      ]
    },
    {
      "properties": {
        "organizationWithSign": {
          "type": "object",
          "$ref": "#/components/schemas/organizationWithSign"
        },
        "privatePersonWithSign": {
          "type": "object",
          "nullable": true
        },
        "outNumber": {
          "type": "object",
          "$ref": "#/components/schemas/outNumber"
        }
      },
      "required": [
        "organizationWithSign"
      ]
    }
  ]
},

```

```

    ],
    "additionalProperties": false
  },
  {
    "properties": {
      "organizationWithSign": {
        "type": "object",
        "nullable": true
      },
      "privatePersonWithSign": {
        "type": "object",
        "$ref": "#/components/schemas/privatePersonWithSign"
      },
      "outNumber": {
        "type": "object",
        "nullable": true
      }
    },
    "required": [
      "privatePersonWithSign"
    ],
    "additionalProperties": false
  },
  {
    "properties": {
      "organizationWithSign": {
        "type": "object",
        "nullable": true
      },
      "privatePersonWithSign": {
        "type": "object",
        "$ref": "#/components/schemas/privatePersonWithSign"
      },
      "outNumber": {
        "type": "object",
        "$ref": "#/components/schemas/outNumber"
      }
    },
    "required": [
      "privatePersonWithSign"
    ],
    "additionalProperties": false
  }
]
},
"organizationWithSign": {
  "type": "object",
  "anyOf": [
    {
      "properties": {
        "organization_string": {
          "type": "string"
        }
      }
    }
  ]
}

```

```

    },
    "fullname": {
      "type": "string",
      "nullable": true
    },
    "shortname": {
      "type": "string",
      "nullable": true
    },
    "ownership": {
      "type": "string",
      "nullable": true
    },
    "address": {
      "type": "object",
      "$ref": "#/components/schemas/address"
    },
    "econtact": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/econtact"
      }
    },
    "officialPersonWithSign": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/officialPersonWithSign"
      },
      "minItems": 1
    }
  },
  "required": [
    "organization_string",
    "officialPersonWithSign"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "organization_string": {
      "type": "string"
    },
    "fullname": {
      "type": "string",
      "nullable": true
    },
    "shortname": {
      "type": "string",
      "nullable": true
    }
  }
}

```



```

    },
    "ownership": {
      "type": "string",
      "nullable": true
    },
    "address": {
      "type": "object",
      "$ref": "#/components/schemas/address"
    },
    "econtact": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/econtact"
      }
    },
    "officialPersonWithSign": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/officialPersonWithSign"
      }
    }
  },
  "required": [
    "organization_string"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "organization_string": {
      "type": "string"
    },
    "fullname": {
      "type": "string",
      "nullable": true
    },
    "shortname": {
      "type": "string",
      "nullable": true
    },
    "ownership": {
      "type": "string",
      "nullable": true
    },
    "address": {
      "type": "object",
      "$ref": "#/components/schemas/address"
    }
  },

```

```

        "econtact": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/econtact"
            }
        },
        "officialPersonWithSign": {
            "type": "object",
            "$ref": "#/components/schemas/officialPersonWithSign"
        }
    },
    "required": [
        "organization_string",
        "officialPersonWithSign"
    ],
    "additionalProperties": false
}
]
},
"officialPersonWithSign": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "name": {
                    "type": "object",
                    "$ref": "#/components/schemas/name"
                },
                "official": {
                    "type": "array",
                    "nullable": true,
                    "items": {
                        "type": "object",
                        "$ref": "#/components/schemas/official"
                    }
                }
            },
            "rank": {
                "type": "array",
                "nullable": true,
                "items": {
                    "type": "object",
                    "$ref": "#/components/schemas/rank"
                }
            },
            "address": {
                "type": "object",
                "$ref": "#/components/schemas/address"
            },
            "econtact": {
                "type": "array",

```

```

        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    },
    "signDate": {
        "type": "object",
        "$ref": "#/components/schemas/signDate"
    }
},
"required": [
    "name"
],
"additionalProperties": false
},
{
    "properties": {
        "name": {
            "type": "object",
            "$ref": "#/components/schemas/name"
        },
        "official": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/official"
            }
        },
        "rank": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/rank"
            }
        },
        "address": {
            "type": "object",
            "$ref": "#/components/schemas/address"
        },
        "econtact": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/econtact"
            }
        },
        "signDate": {
            "type": "object",

```

```

        "nullable": true
    },
    "required": [
        "name"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "name": {
            "type": "object",
            "$ref": "#/components/schemas/name"
        },
        "official": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/official"
            }
        },
        "rank": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/rank"
            }
        },
        "address": {
            "type": "object",
            "nullable": true
        },
        "econtact": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/econtact"
            }
        },
        "signDate": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "name"
    ],
    "additionalProperties": false
},

```

```

{
  "properties": {
    "name": {
      "type": "object",
      "$ref": "#/components/schemas/name"
    },
    "official": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/official"
      }
    },
    "rank": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/rank"
      }
    },
    "address": {
      "type": "object",
      "nullable": true
    },
    "econtact": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/econtact"
      }
    },
    "signDate": {
      "type": "object",
      "$ref": "#/components/schemas/signDate"
    }
  },
  "required": [
    "name"
  ],
  "additionalProperties": false
}
],
{
  "signDate": {
    "type": "object",
    "properties": {
      "value": {
        "type": "string",
        "format": "date",

```

```
        "nullable": true
    },
    },
    "additionalProperties": false
},
"privatePersonWithSign": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "inn": {
                    "type": "string",
                    "nullable": true
                },
                "doc_kind": {
                    "type": "string",
                    "nullable": true
                },
                "doc_num": {
                    "type": "string",
                    "nullable": true
                },
                "doc_org": {
                    "type": "string",
                    "nullable": true
                },
                "doc_date": {
                    "type": "string",
                    "format": "date-time",
                    "nullable": true
                },
                "name": {
                    "type": "object",
                    "$ref": "#/components/schemas/name"
                },
                "rank": {
                    "type": "array",
                    "nullable": true,
                    "items": {
                        "type": "object",
                        "$ref": "#/components/schemas/rank"
                    }
                },
                "address": {
                    "type": "object",
                    "$ref": "#/components/schemas/address"
                },
                "econtact": {
                    "type": "array",
                    "nullable": true,
                    "items": {
                        "type": "object",
```

```

        "$ref": "#/components/schemas/econtact"
    },
    "signDate": {
        "type": "object",
        "$ref": "#/components/schemas/signDate"
    },
    "required": [
        "name"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "inn": {
            "type": "string",
            "nullable": true
        },
        "doc_kind": {
            "type": "string",
            "nullable": true
        },
        "doc_num": {
            "type": "string",
            "nullable": true
        },
        "doc_org": {
            "type": "string",
            "nullable": true
        },
        "doc_date": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "name": {
            "type": "object",
            "$ref": "#/components/schemas/name"
        },
        "rank": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/rank"
            }
        },
        "address": {
            "type": "object",
            "$ref": "#/components/schemas/address"
        },
    },

```

```

        "econtact": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/econtact"
            }
        },
        "signDate": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "name"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "inn": {
            "type": "string",
            "nullable": true
        },
        "doc_kind": {
            "type": "string",
            "nullable": true
        },
        "doc_num": {
            "type": "string",
            "nullable": true
        },
        "doc_org": {
            "type": "string",
            "nullable": true
        },
        "doc_date": {
            "type": "string",
            "format": "date-time",
            "nullable": true
        },
        "name": {
            "type": "object",
            "$ref": "#/components/schemas/name"
        },
        "rank": {
            "type": "array",
            "nullable": true,
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/rank"
            }
        }
    }
}

```



```

    },
    "address": {
      "type": "object",
      "nullable": true
    },
    "econtact": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/econtact"
      }
    },
    "signDate": {
      "type": "object",
      "nullable": true
    }
  },
  "required": [
    "name"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "inn": {
      "type": "string",
      "nullable": true
    },
    "doc_kind": {
      "type": "string",
      "nullable": true
    },
    "doc_num": {
      "type": "string",
      "nullable": true
    },
    "doc_org": {
      "type": "string",
      "nullable": true
    },
    "doc_date": {
      "type": "string",
      "format": "date-time",
      "nullable": true
    },
    "name": {
      "type": "object",
      "$ref": "#/components/schemas/name"
    },
    "rank": {
      "type": "array",

```

```

        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/rank"
        }
    },
    "address": {
        "type": "object",
        "nullable": true
    },
    "econtact": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/econtact"
        }
    },
    "signDate": {
        "type": "object",
        "$ref": "#/components/schemas/signDate"
    }
},
"required": [
    "name"
],
"additionalProperties": false
}
]
},
"outNumber": {
    "type": "object",
    "properties": {
        "regNumber": {
            "type": "object",
            "$ref": "#/components/schemas/regNumber"
        }
    }
},
"required": [
    "regNumber"
],
"additionalProperties": false
},
"validator": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "attestation": {
                    "type": "string",
                    "minLength": 1
                }
            }
        }
    ]
},

```

```

        "organizationWithSign": {
            "type": "object",
            "$ref": "#/components/schemas/organizationWithSign"
        },
        "privatePersonWithSign": {
            "type": "object",
            "nullable": true
        },
        "docNumber": {
            "type": "object",
            "$ref": "#/components/schemas/docNumber"
        }
    },
    "required": [
        "attestation",
        "organizationWithSign"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "attestation": {
            "type": "string",
            "minLength": 1
        },
        "organizationWithSign": {
            "type": "object",
            "$ref": "#/components/schemas/organizationWithSign"
        },
        "privatePersonWithSign": {
            "type": "object",
            "nullable": true
        },
        "docNumber": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "attestation",
        "organizationWithSign"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "attestation": {
            "type": "string",
            "minLength": 1
        },
        "organizationWithSign": {
            "type": "object",

```

```

        "nullable": true
    },
    "privatePersonWithSign": {
        "type": "object",
        "$ref": "#/components/schemas/privatePersonWithSign"
    },
    "docNumber": {
        "type": "object",
        "$ref": "#/components/schemas/docNumber"
    }
},
"required": [
    "attestation",
    "privatePersonWithSign"
],
"additionalProperties": false
},
{
    "properties": {
        "attestation": {
            "type": "string",
            "minLength": 1
        },
        "organizationWithSign": {
            "type": "object",
            "nullable": true
        },
        "privatePersonWithSign": {
            "type": "object",
            "$ref": "#/components/schemas/privatePersonWithSign"
        },
        "docNumber": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "attestation",
        "privatePersonWithSign"
    ],
    "additionalProperties": false
}
],
"writer": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
                "organization": {
                    "type": "object",
                    "$ref": "#/components/schemas/organization"
                }
            }
        }
    ]
}

```

```

        },
        "privatePerson": {
            "type": "object",
            "nullable": true
        }
    },
    "required": [
        "organization"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "organization": {
            "type": "object",
            "nullable": true
        },
        "privatePerson": {
            "type": "object",
            "$ref": "#/components/schemas/privatePerson"
        }
    },
    "required": [
        "privatePerson"
    ],
    "additionalProperties": false
}
]
},
"taskList": {
    "type": "object",
    "properties": {
        "task": {
            "type": "array",
            "items": {
                "type": "object",
                "$ref": "#/components/schemas/task"
            },
            "minItems": 1
        }
    },
    "required": [
        "task"
    ],
    "additionalProperties": false
},
"task": {
    "type": "object",
    "properties": {
        "idnumber": {
            "type": "string",
            "minLength": 1

```

```

    },
    "task_reg": {
      "type": "integer",
      "enum": [
0,
1
]
    },
    "task_copy": {
      "type": "integer",
      "enum": [
0,
1
]
    },
    "kind": {
      "type": "string",
      "nullable": true
    },
    "task_text": {
      "type": "string",
      "minLength": 1
    },
    "deadline": {
      "type": "string",
      "format": "date"
    },
    "taskNumber": {
      "type": "object",
      "$ref": "#/components/schemas/taskNumber"
    },
    "confident": {
      "type": "object",
      "$ref": "#/components/schemas/confident"
    },
    "referred": {
      "type": "array",
      "nullable": true,
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/referred"
      }
    },
    "authorOrganization": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/authorOrganization"
      },
      "minItems": 1
    },
    "docTransfer": {

```

```

        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/docTransfer"
        }
    },
    "executor": {
        "type": "array",
        "nullable": true,
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/executor"
        }
    }
},
"required": [
    "idnumber",
    "task_reg",
    "task_copy",
    "task_text",
    "deadline",
    "taskNumber",
    "confident",
    "authorOrganization"
],
"additionalProperties": false
},
"authorOrganization": {
    "type": "object",
    "properties": {
        "organizationWithSign": {
            "type": "object",
            "$ref": "#/components/schemas/organizationWithSign"
        }
    }
},
"required": [
    "organizationWithSign"
],
"additionalProperties": false
},
"executor": {
    "type": "object",
    "properties": {
        "responsible": {
            "type": "integer",
            "nullable": true,
            "enum": [
                null,
                0,
                1
            ]
        }
    }
}

```

```

    },
    "task_specified": {
      "type": "string",
      "nullable": true
    },
    "deadline": {
      "type": "string",
      "format": "date",
      "nullable": true
    },
    "organization": {
      "type": "object",
      "$ref": "#/components/schemas/organization"
    }
  },
  "required": [
    "organization"
  ],
  "additionalProperties": false
},
"addDocuments": {
  "type": "object",
  "properties": {
    "folder": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/folder"
      },
      "minItems": 1
    }
  },
  "required": [
    "folder"
  ],
  "additionalProperties": false
},
"folder": {
  "type": "object",
  "anyOf": [
    {
      "properties": {
        "contents": {
          "type": "string",
          "minLength": 1
        },
        "add_type": {
          "type": "integer",
          "enum": [
            0,
            1,
            2

```



```

    ],
    "docTransfer": {
      "type": "array",
      "items": {
        "type": "object",
        "$ref": "#/components/schemas/docTransfer"
      },
      "minItems": 1
    },
    "note": {
      "type": "object",
      "$ref": "#/components/schemas/note"
    },
    "referred": {
      "type": "object",
      "$ref": "#/components/schemas/referred"
    }
  },
  "required": [
    "contents",
    "add_type",
    "docTransfer",
    "note",
    "referred"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "contents": {
      "type": "string",
      "minLength": 1
    },
    "add_type": {
      "type": "integer",
      "enum": [
0,
1,
2
      ]
    }
  },
  "docTransfer": {
    "type": "array",
    "items": {
      "type": "object",
      "$ref": "#/components/schemas/docTransfer"
    },
    "minItems": 1
  },
  "note": {
    "type": "object",

```

```

        "nullable": true
      },
      "referred": {
        "type": "object",
        "nullable": true
      }
    },
    "required": [
      "contents",
      "add_type",
      "docTransfer"
    ],
    "additionalProperties": false
  },
  {
    "properties": {
      "contents": {
        "type": "string",
        "minLength": 1
      },
      "add_type": {
        "type": "integer",
        "enum": [
          0,
          1,
          2
        ]
      },
      "docTransfer": {
        "type": "array",
        "items": {
          "type": "object",
          "$ref": "#/components/schemas/docTransfer"
        },
        "minItems": 1
      },
      "note": {
        "type": "object",
        "nullable": true
      },
      "referred": {
        "type": "object",
        "$ref": "#/components/schemas/referred"
      }
    },
    "required": [
      "contents",
      "add_type",
      "docTransfer",
      "referred"
    ],
    "additionalProperties": false
  }
]

```

```

    },
    {
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        "contents": {
          "type": "string",
          "minLength": 1
        },
        "add_type": {
          "type": "integer",
          "enum": [
            0,
            1,
            2
          ]
        },
        "docTransfer": {
          "type": "array",
          "items": {
            "type": "object",
            "$ref": "#/components/schemas/docTransfer"
          },
          "minItems": 1
        },
        "note": {
          "type": "object",
          "$ref": "#/components/schemas/note"
        },
        "referred": {
          "type": "object",
          "nullable": true
        }
      },
      "required": [
        "contents",
        "add_type",
        "docTransfer",
        "note"
      ],
      "additionalProperties": false
    }
  ],
  {
    "note": {
      "type": "object",
      "properties": {
        "value": {
          "type": "string",
          "nullable": true
        }
      },
      "additionalProperties": false
    },
  },

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    "expansion": {
      "type": "object",
      "properties": {
        "controlset": {
          "type": "object",
          "$ref": "#/components/schemas/controlset"
        },
        "varset": {
          "type": "object",
          "$ref": "#/components/schemas/varset"
        }
      },
      "required": [
        "controlset",
        "varset"
      ],
      "additionalProperties": false
    },
    "controlset": {
      "type": "object",
      "properties": {
        "supplement": {
          "type": "string",
          "minLength": 1
        },
        "version": {
          "type": "string",
          "minLength": 1
        },
        "date": {
          "type": "string",
          "format": "date"
        }
      },
      "required": [
        "supplement",
        "version",
        "date"
      ],
      "additionalProperties": false
    },
    "varset": {
      "type": "object",
      "properties": {
        "list": {
          "type": "array",
          "items": {
            "type": "object",
            "properties": {
              "name": {
                "type": "string"
              }
            }
          }
        }
      }
    }
  }

```

```

        "value": {
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        },
        "mapAttr": {
            "type": "object",
            "additionalProperties": {
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            }
        }
    }
}
},
"acknowledgement": {
    "type": "object",
    "anyOf": [
        {
            "properties": {
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                    "type": "string",
                    "minLength": 1
                },
                "ack_type": {
                    "type": "integer",
                    "enum": [
                        1,
                        2,
                        3,
                        4
                    ]
                }
            },
            "regNumber": {
                "type": "object",
                "$ref": "#/components/schemas/regNumber"
            },
            "incNumber": {
                "type": "object",
                "$ref": "#/components/schemas/incNumber"
            },
            "ackResult": {
                "type": "array",
                "items": {
                    "type": "object",
                    "$ref": "#/components/schemas/ackResult"
                },
                "minItems": 1
            },
            "docTransfer": {
                "type": "object",
                "$ref": "#/components/schemas/docTransfer"
            },

```

```

        "expansion": {
            "type": "object",
            "$ref": "#/components/schemas/expansion"
        }
    },
    "required": [
        "msg_id",
        "ack_type",
        "regNumber",
        "ackResult"
    ],
    "additionalProperties": false
},
{
    "properties": {
        "msg_id": {
            "type": "string",
            "minLength": 1
        },
        "ack_type": {
            "type": "integer",
            "enum": [
                1,
                2,
                3,
                4
            ]
        },
        "regNumber": {
            "type": "object",
            "$ref": "#/components/schemas/regNumber"
        },
        "incNumber": {
            "type": "object",
            "nullable": true
        },
        "ackResult": {
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            "items": {
                "type": "object",
                "$ref": "#/components/schemas/ackResult"
            },
            "minItems": 1
        },
        "docTransfer": {
            "type": "object",
            "nullable": true
        },
        "expansion": {
            "type": "object",
            "nullable": true
        }
    }
}

```

```

        },
        "required": [
            "msg_id",
            "ack_type",
            "regNumber",
            "ackResult"
        ],
        "additionalProperties": false
    },
    {
        "properties": {
            "msg_id": {
                "type": "string",
                "minLength": 1
            },
            "ack_type": {
                "type": "integer",
                "enum": [
                    1,
                    2,
                    3,
                    4
                ]
            },
            "regNumber": {
                "type": "object",
                "$ref": "#/components/schemas/regNumber"
            },
            "incNumber": {
                "type": "object",
                "$ref": "#/components/schemas/incNumber"
            },
            "ackResult": {
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                "items": {
                    "type": "object",
                    "$ref": "#/components/schemas/ackResult"
                },
                "minItems": 1
            },
            "docTransfer": {
                "type": "object",
                "nullable": true
            },
            "expansion": {
                "type": "object",
                "nullable": true
            }
        },
        "required": [
            "msg_id",
            "ack_type",

```

```

    "regNumber",
    "ackResult"
  ],
  "additionalProperties": false
},
{
  "properties": {
    "msg_id": {
      "type": "string",
      "minLength": 1
    },
    "ack_type": {
      "type": "integer",
      "enum": [
1,
2,
3,
4
      ]
    },
    "regNumber": {
      "type": "object",
      "$ref": "#/components/schemas/regNumber"
    },
    "incNumber": {
      "type": "object",
      "nullable": true
    },
    "ackResult": {
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      "items": {
        "type": "object",
        "$ref": "#/components/schemas/ackResult"
      },
      "minItems": 1
    },
    "docTransfer": {
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      "$ref": "#/components/schemas/docTransfer"
    },
    "expansion": {
      "type": "object",
      "nullable": true
    }
  },
  "required": [
    "msg_id",
    "ack_type",
    "regNumber",
    "ackResult"
  ],
  "additionalProperties": false
}

```



```

    },
    {
      "properties": {
        "msg_id": {
          "type": "string",
          "minLength": 1
        },
        "ack_type": {
          "type": "integer",
          "enum": [
            1,
            2,
            3,
            4
          ]
        },
        "regNumber": {
          "type": "object",
          "$ref": "#/components/schemas/regNumber"
        },
        "incNumber": {
          "type": "object",
          "nullable": true
        },
        "ackResult": {
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          "items": {
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            "$ref": "#/components/schemas/ackResult"
          },
          "minItems": 1
        },
        "docTransfer": {
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          "nullable": true
        },
        "expansion": {
          "type": "object",
          "$ref": "#/components/schemas/expansion"
        }
      },
      "required": [
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        "ack_type",
        "regNumber",
        "ackResult"
      ],
      "additionalProperties": false
    },
    {
      "properties": {
        "msg_id": {

```

```

        "type": "string",
        "minLength": 1
    },
    "ack_type": {
        "type": "integer",
        "enum": [
1,
2,
3,
4
]
    },
    "regNumber": {
        "type": "object",
        "$ref": "#/components/schemas/regNumber"
    },
    "incNumber": {
        "type": "object",
        "$ref": "#/components/schemas/incNumber"
    },
    "ackResult": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/ackResult"
        },
        "minItems": 1
    },
    "docTransfer": {
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        "$ref": "#/components/schemas/docTransfer"
    },
    "expansion": {
        "type": "object",
        "nullable": true
    }
},
    "required": [
        "msg_id",
        "ack_type",
        "regNumber",
        "ackResult"
    ],
    "additionalProperties": false
},
    {
        "properties": {
            "msg_id": {
                "type": "string",
                "minLength": 1
            },
            "ack_type": {

```

```

        "type": "integer",
        "enum": [
1,
2,
3,
4
]
    },
    "regNumber": {
        "type": "object",
        "$ref": "#/components/schemas/regNumber"
    },
    "incNumber": {
        "type": "object",
        "$ref": "#/components/schemas/incNumber"
    },
    "ackResult": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/ackResult"
        },
        "minItems": 1
    },
    "docTransfer": {
        "type": "object",
        "nullable": true
    },
    "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
    }
},
    "required": [
        "msg_id",
        "ack_type",
        "regNumber",
        "ackResult"
    ],
    "additionalProperties": false
},
    {
        "properties": {
            "msg_id": {
                "type": "string",
                "minLength": 1
            },
            "ack_type": {
                "type": "integer",
                "enum": [
1,
2,

```

```

3,
4
]
    },
    "regNumber": {
        "type": "object",
        "$ref": "#/components/schemas/regNumber"
    },
    "incNumber": {
        "type": "object",
        "nullable": true
    },
    "ackResult": {
        "type": "array",
        "items": {
            "type": "object",
            "$ref": "#/components/schemas/ackResult"
        },
        "minItems": 1
    },
    "docTransfer": {
        "type": "object",
        "$ref": "#/components/schemas/docTransfer"
    },
    "expansion": {
        "type": "object",
        "$ref": "#/components/schemas/expansion"
    }
    },
    "required": [
        "msg_id",
        "ack_type",
        "regNumber",
        "ackResult"
    ],
    "additionalProperties": false
}
]
},
"incNumber": {
    "type": "object",
    "properties": {
        "regdate": {
            "type": "string",
            "format": "date"
        },
        "value": {
            "type": "string",
            "minLength": 1
        }
    }
},
"required": [

```

```

        "regdate",
            "value"
    ],
        "additionalProperties": false
    },
    "ackResult": {
        "type": "object",
        "properties": {
            "errorcode": {
                "type": "integer"
            },
            "value": {
                "type": "string",
                "nullable": true
            }
        },
        "required": [
            "errorcode"
        ],
        "additionalProperties": false
    },
    "datadir": {
        "type": "object",
        "properties": {
            "type": {
                "type": "string",
                "minLength": 1
            },
            "value": {
                "type": "string",
                "nullable": true
            }
        },
        "required": [
            "type"
        ],
        "additionalProperties": false
    }
},
"oneOf": [
    {
        "$ref": "#/components/schemas/smdo_schema"
    }
]
}

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