

Web service for block files

Requirements web service for block files

The following information is required for the exchange of block files via a web service:

- Login name
- Password
- KD no.
- Product_Brandname
- Currency_key
- Country_ID
- Price_ID
- Catalog_number

Calls

GetBlockFileList

Request:

messageRequestHeader
 userID
 password (Base64)
 creationDate
 sender
 language
 messageID
customerNo
..

Response:

sequenceNo read small number first
filename
description
dataVersion

GetBlockFile

Request:

messageRequestHeader
filename

Response:

filename
version
responseData -- File base64 encoded

Use of the Web Services Description Language Description elements

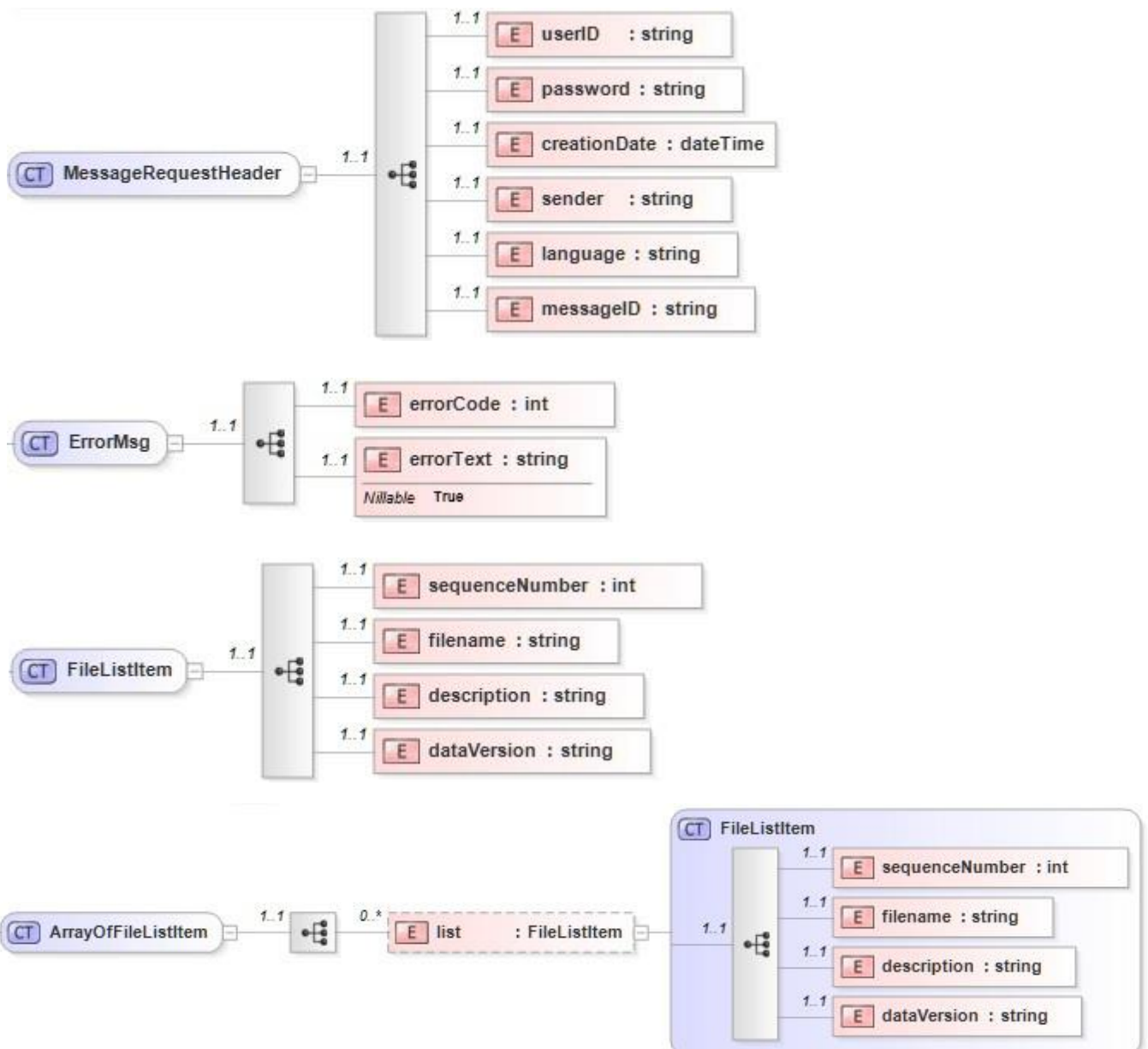
Services are defined by six main XML elements:

1. Data types

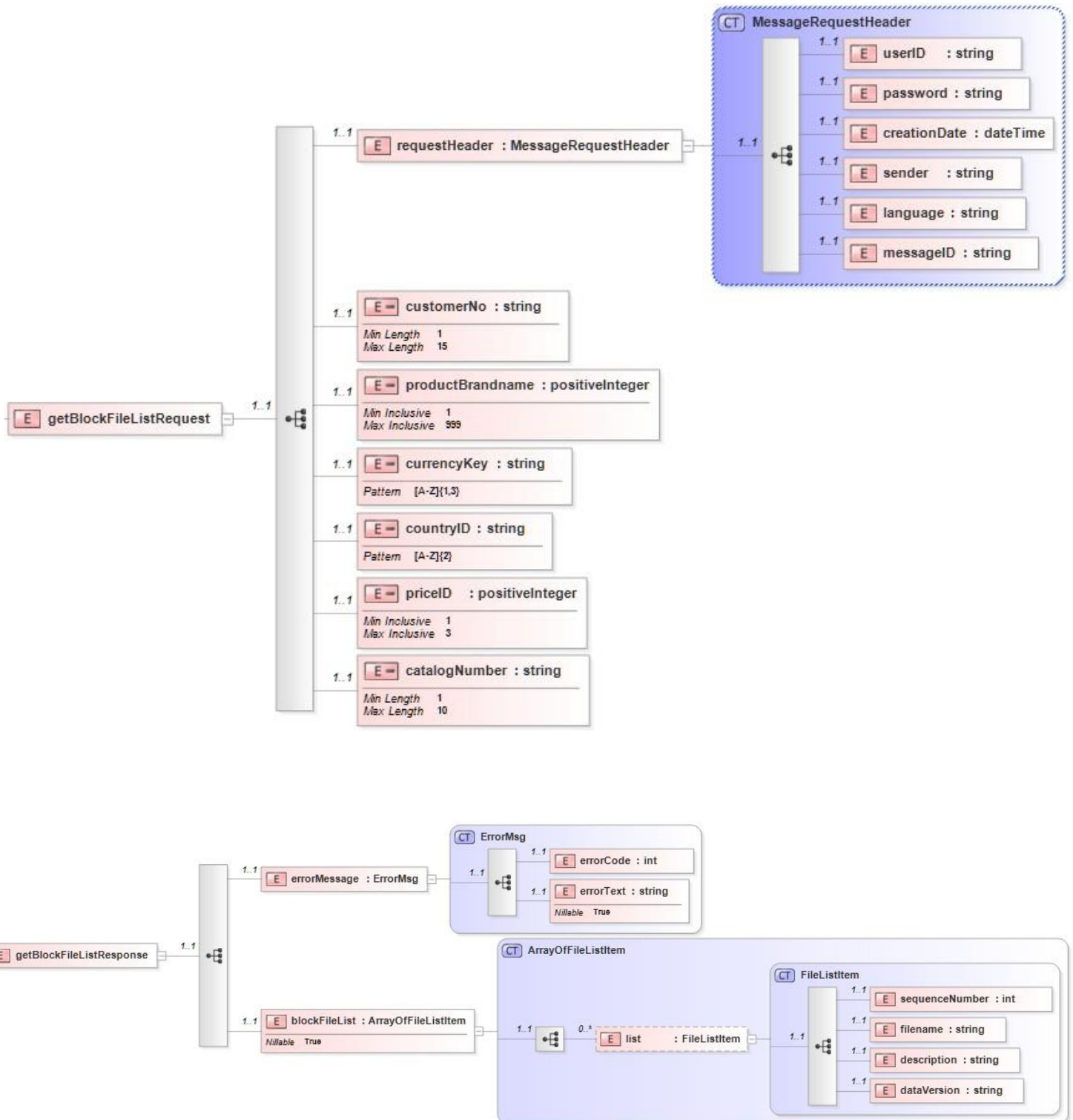
types([data types](#))

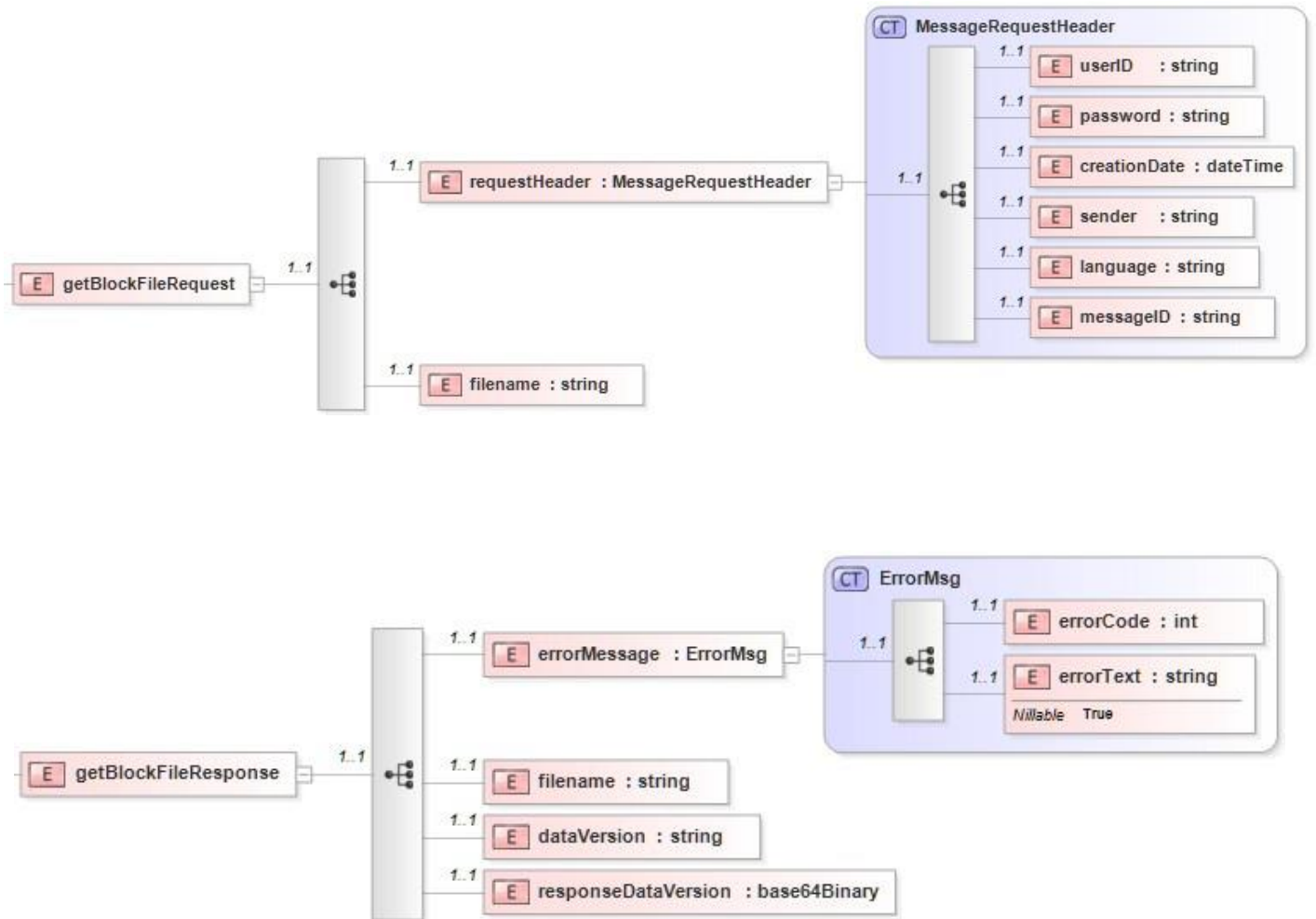
This is where the data types are defined that are used to exchange the *messages*. They include the complex data types and the elements.

Complex data types



Elements





2. News

message

This part contains abstract definitions of the transmitted data, consisting of several logical parts, each of which is linked to a definition within a data type system.

The structure of the messages can be seen in the elements.

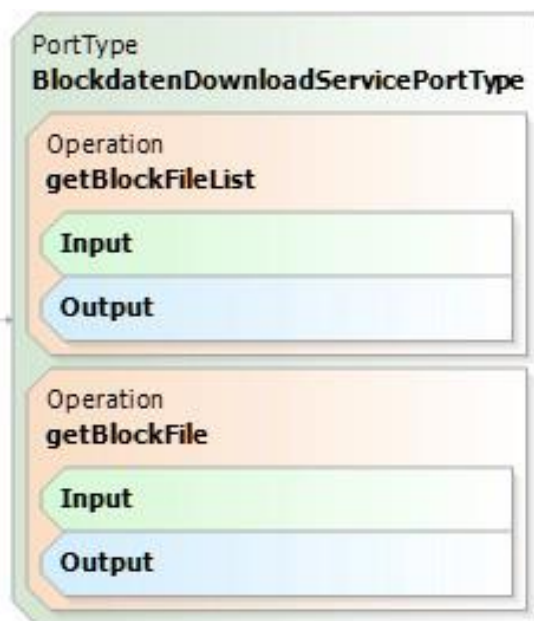


3. Interface types

portType (*interface types*)

The interfaces are a set of abstract operations. The request-response type is used for transmission:

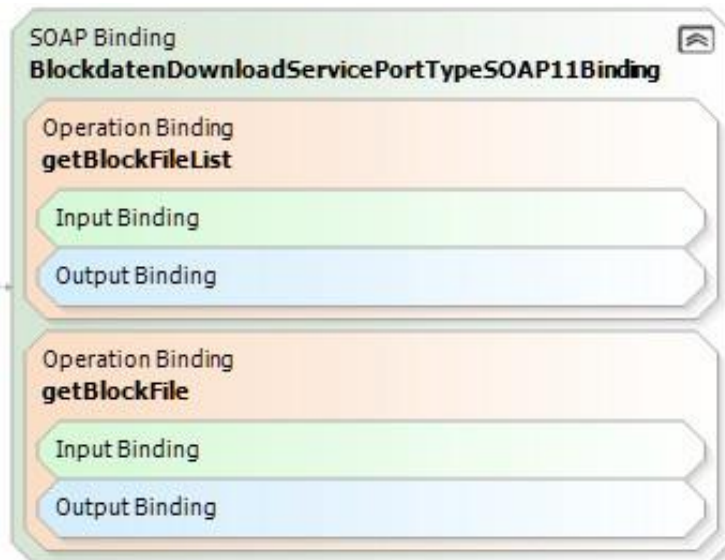
The service receives a request (input message) from the client and sends a response (output message).



4. Binding

binding

The binding determines the concrete protocol and data format for the work steps and messages given by a specific port type.



5. Port/Service

port (*Port*)

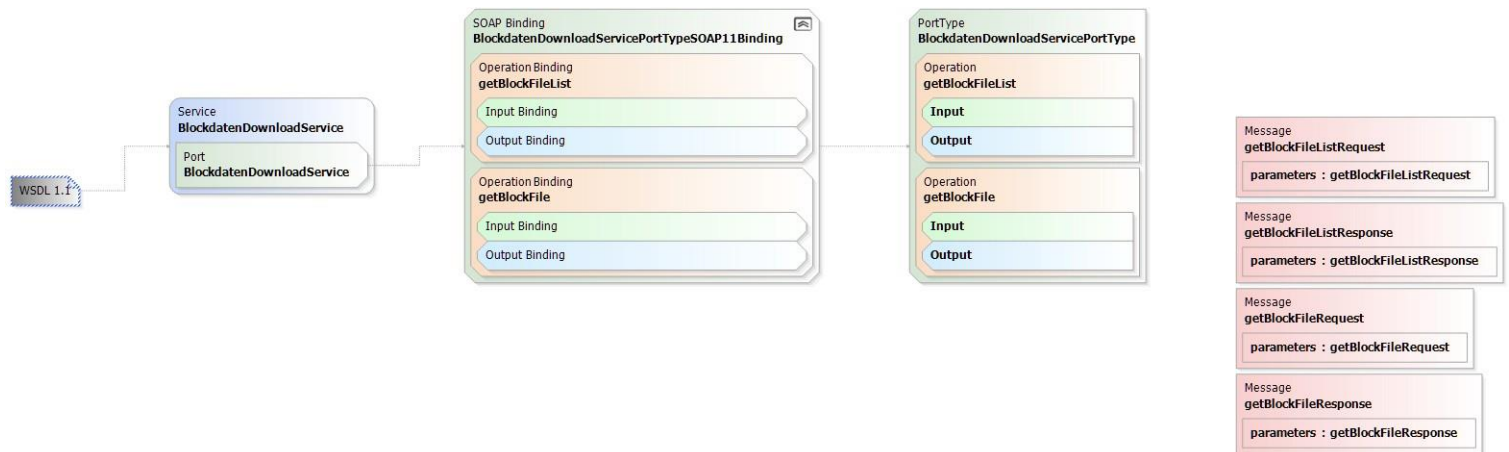
The port specifies an address for a binding, i.e. a communication interface, usually a [URI](#).

service (*Service*)

The service part summarises the set of ports of a port type.



6. Overview



Furthermore, these six main elements are divided into the group of abstract and concrete definitions.

Abstract definitions:

- Types
- Messages
- PortTypes

Concrete definitions:

- Bindings
- Ports
- Service

The sequence of the block data is to be determined by the `sequenceNumber` within `FileListItem`.