

Message Set

Message Set identifies a message or more likely a set of messages with a common set of Business Data Objects involved.

Specifics

In addition to the Business Data Objects involved, the unifying properties of a message set are that they will be handled by the same parser and collection of action methods by recipients of the messages and the same encoders by the senders. Transport and deployment information is not part of a Message Set, but can be associated with the same Relation as the Message Set

Location methods and naming specifics will also be specified elsewhere, but the messages in the message set will share the same Location and Naming Strategy.

In both cases, there is data, and an operation that is either implicit, or explicitly specified. Various method calls in a service API that are generally grouped with the same host part of a service URL are a message set

In a messaging application, groups of messages parsable by the same schema or language library

There can be multiple Business Data Objects involved in a relationship, in fact the message has to carry the data for method invocation, where there may be multiple arguments. The return should be a separate relation, though in the case of for example a fix TCP connection, it is the same implementation (e. g. Transport).

Schema

Message Set

Message Set Name

Encoding - the application level message encoding sent to the [Tech Stack](#)

Spec Reference - reference to a spec usable by an external tool set to generate language specific parsing and marshaling code.

Message Set Objects

Message Set Name (FK:**Message Set**, Message Set Name)

Business Data Object - a BDO that is used in messages in this message set

Context

In the simplest Relations, the message set may just be unstructured text. More typically, it specifies data and an operation representing a service call.

The Function will often be part of the exposed interface of the Consumer on the Relation.