PANACEA tutorial

WP 3
Common Interface Documentation

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Status	internal report
Version	1.2
Release	draft
Date	2011-01-22
History:	

Abstract: This is the documentation about the Common Interfaces version 1.2 for Panacea.

Contents

1. Introduction..... 2

2. Changelog 2
3. Common Interface (Graphical description) 2
3.1. Text type 3
3.2. Sentence Splitting 4
3.3. Tokenization 5
3.4. Lemmatization 6
3.5. Alignment 7
3.6. Term Extraction 8
3.7. Topic Identification 9
4. Common Interface (Detailed definition) 10

1. Introduction

This document contains all the necessary information regarding the Common Interface (CI). It can be used as a guideline for web service providers to access all the necessary information and material to know the CI.

2. Changelog

We are going to list the changes and/or improvements done to the CI:

Version 1.2:

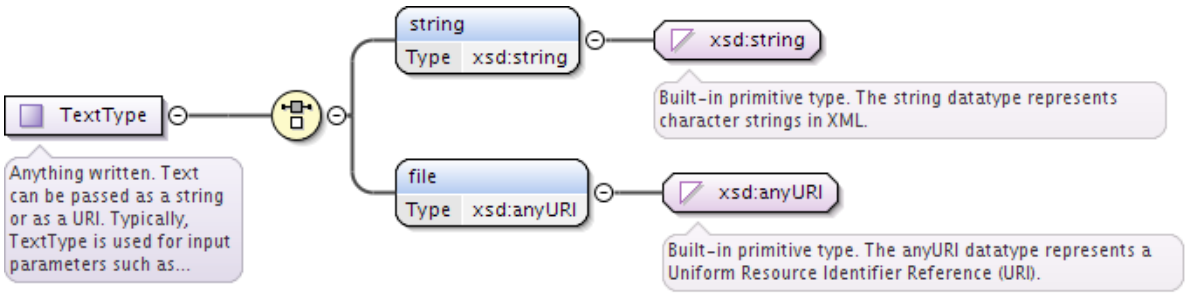
- "text" parameters changed to "input" parameters.
- "textAligners" main parameters changed to handle two different inputs.

3. Common Interface (Graphical description)

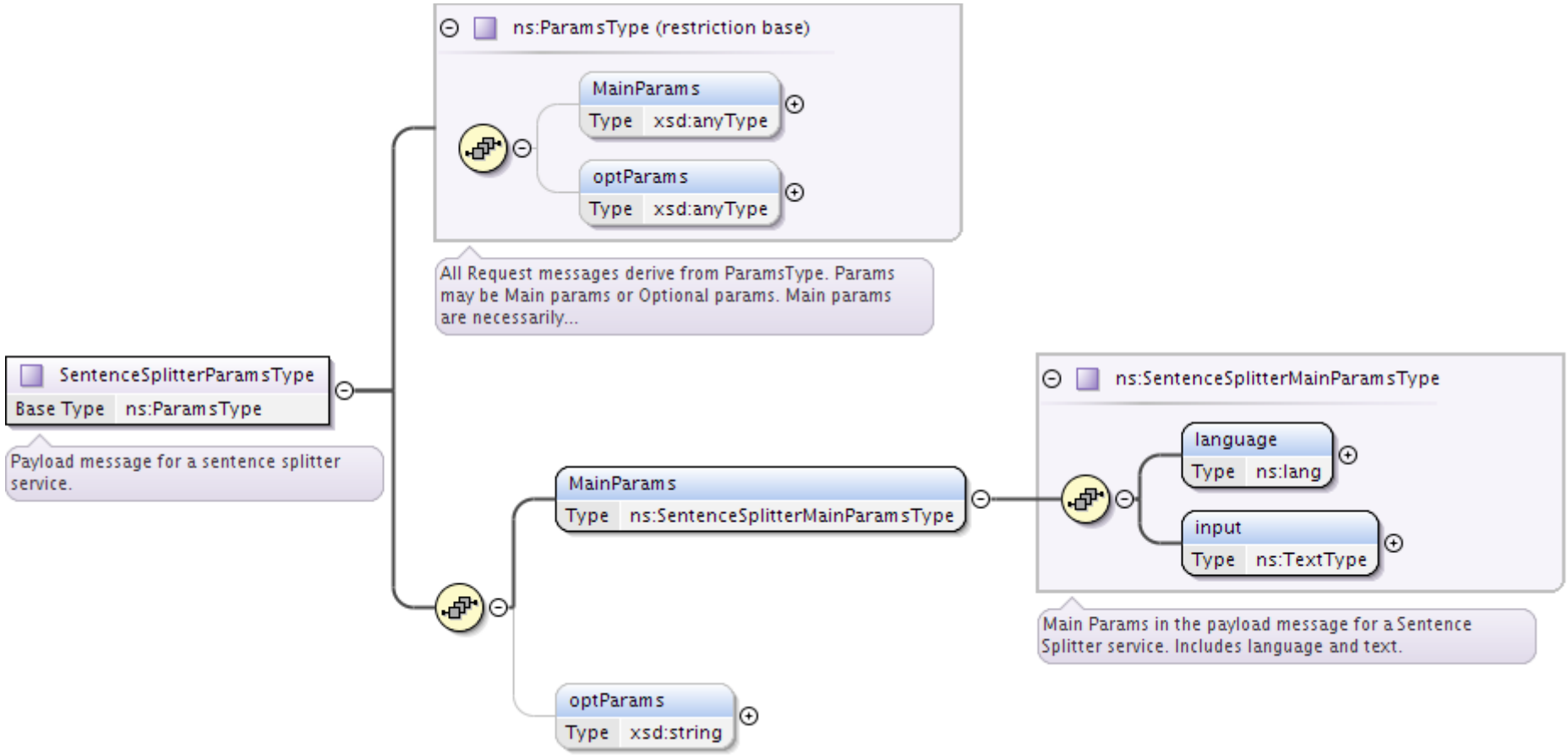
This section is used to become familiarized with the CI and to easily find the structure of all different kinds of tool interfaces. Web service providers can find here the names for the parameters they must use when deploying web services and which are the minimal sets of mandatory parameters. Output parameters are described in the detailed section (Section 4).

3.1. Text type

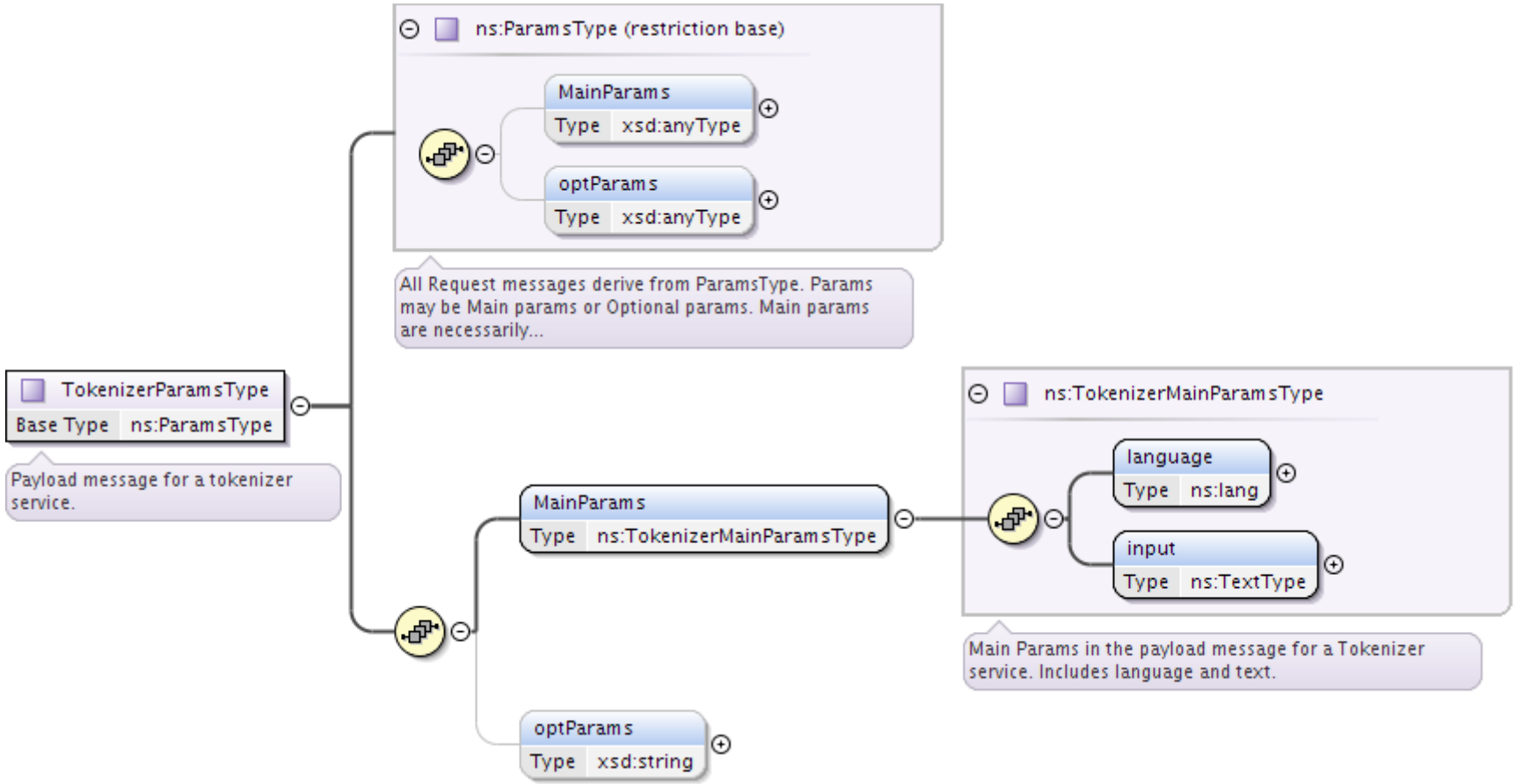
Most input parameters are defined using this type.



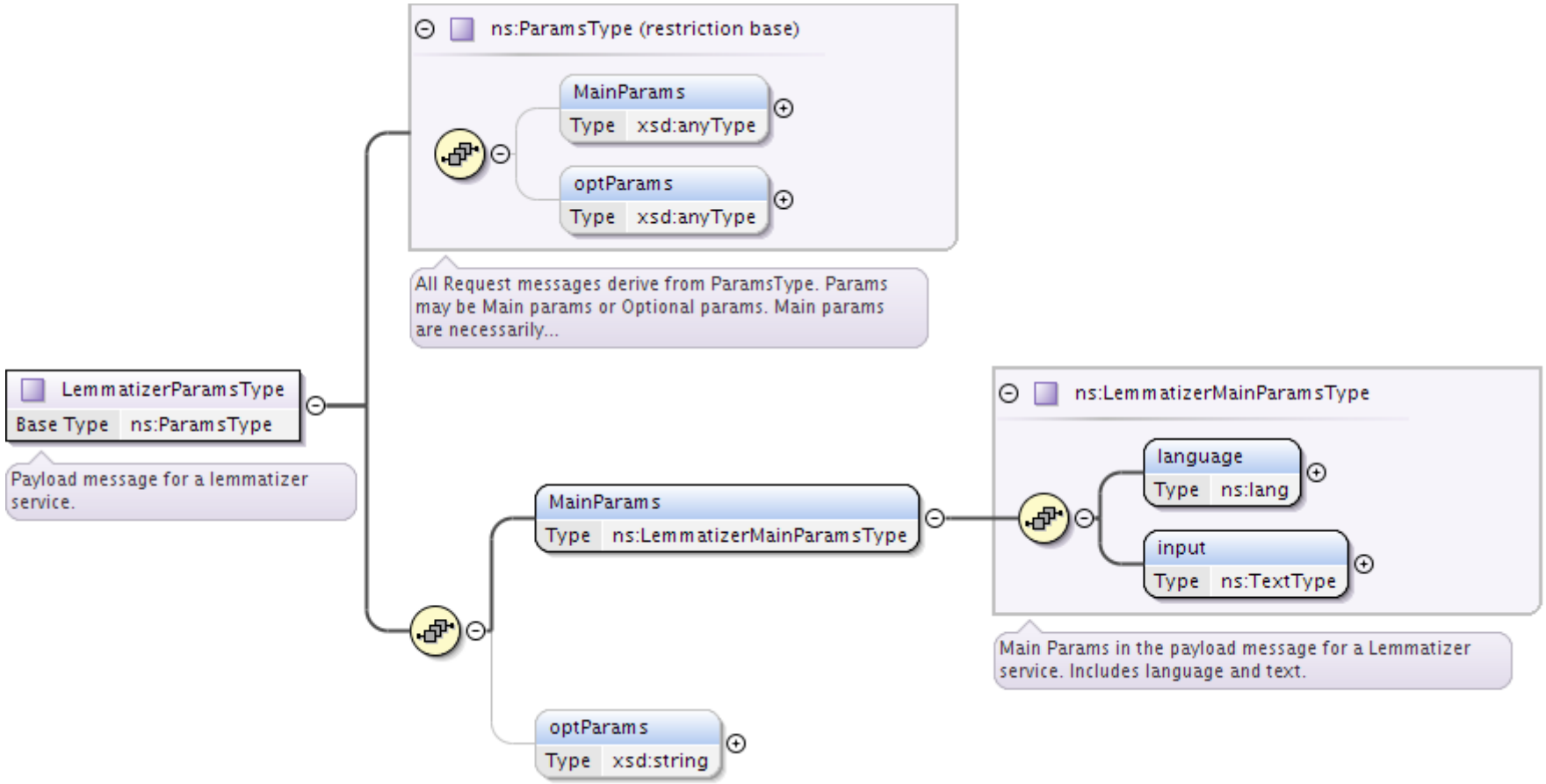
3.2. Sentence Splitting



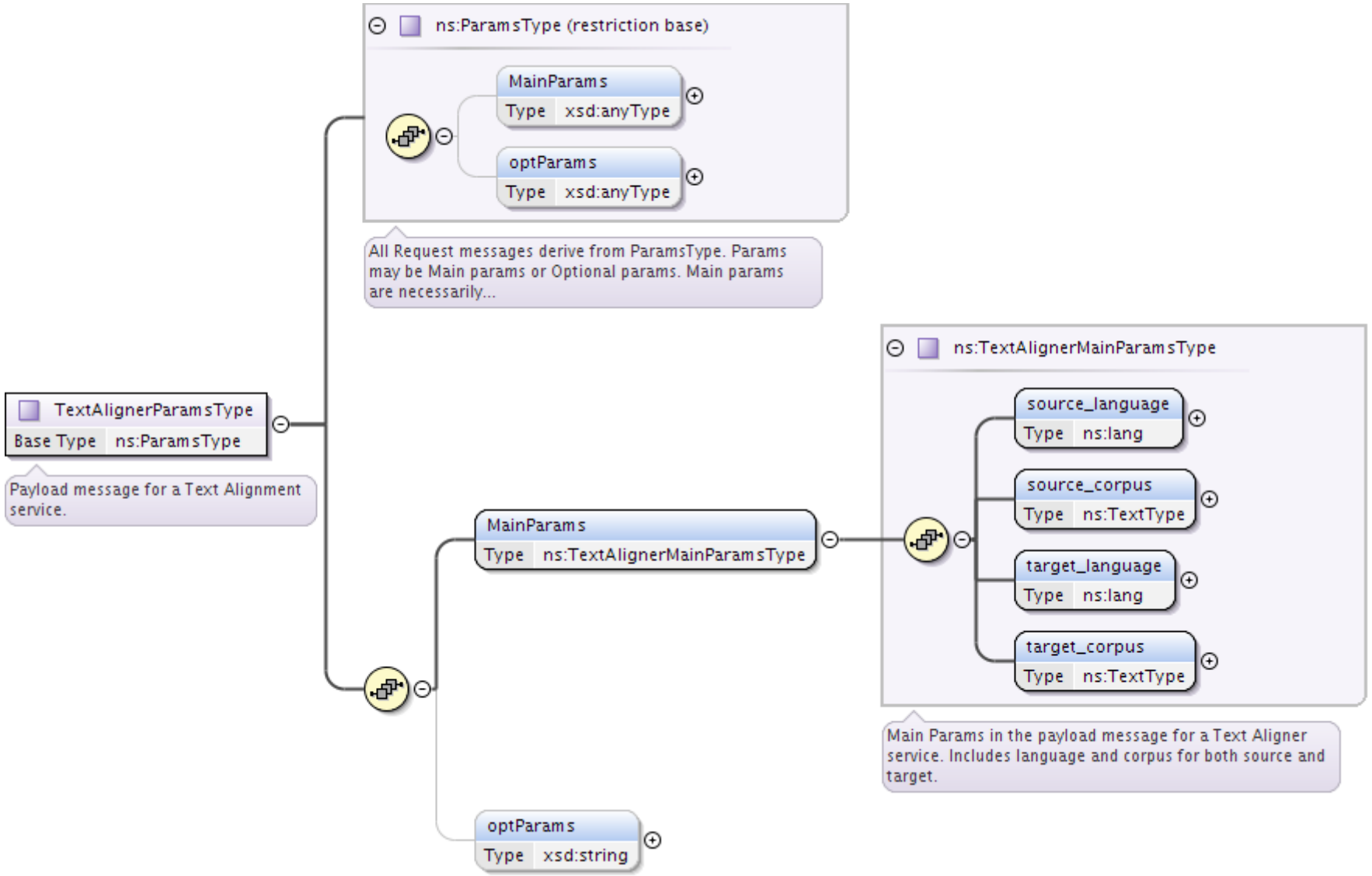
3.3. Tokenization



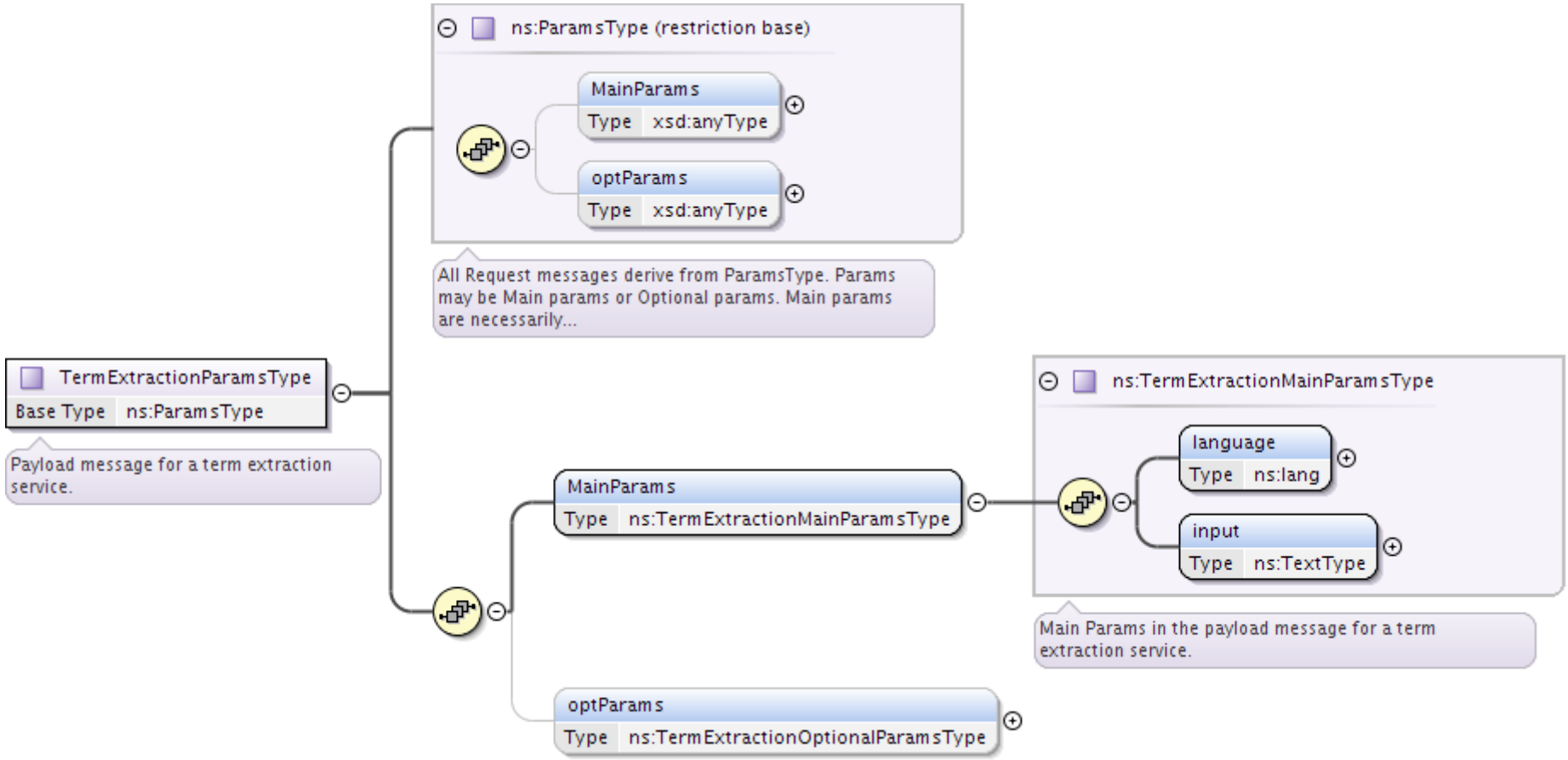
3.4. Lemmatization



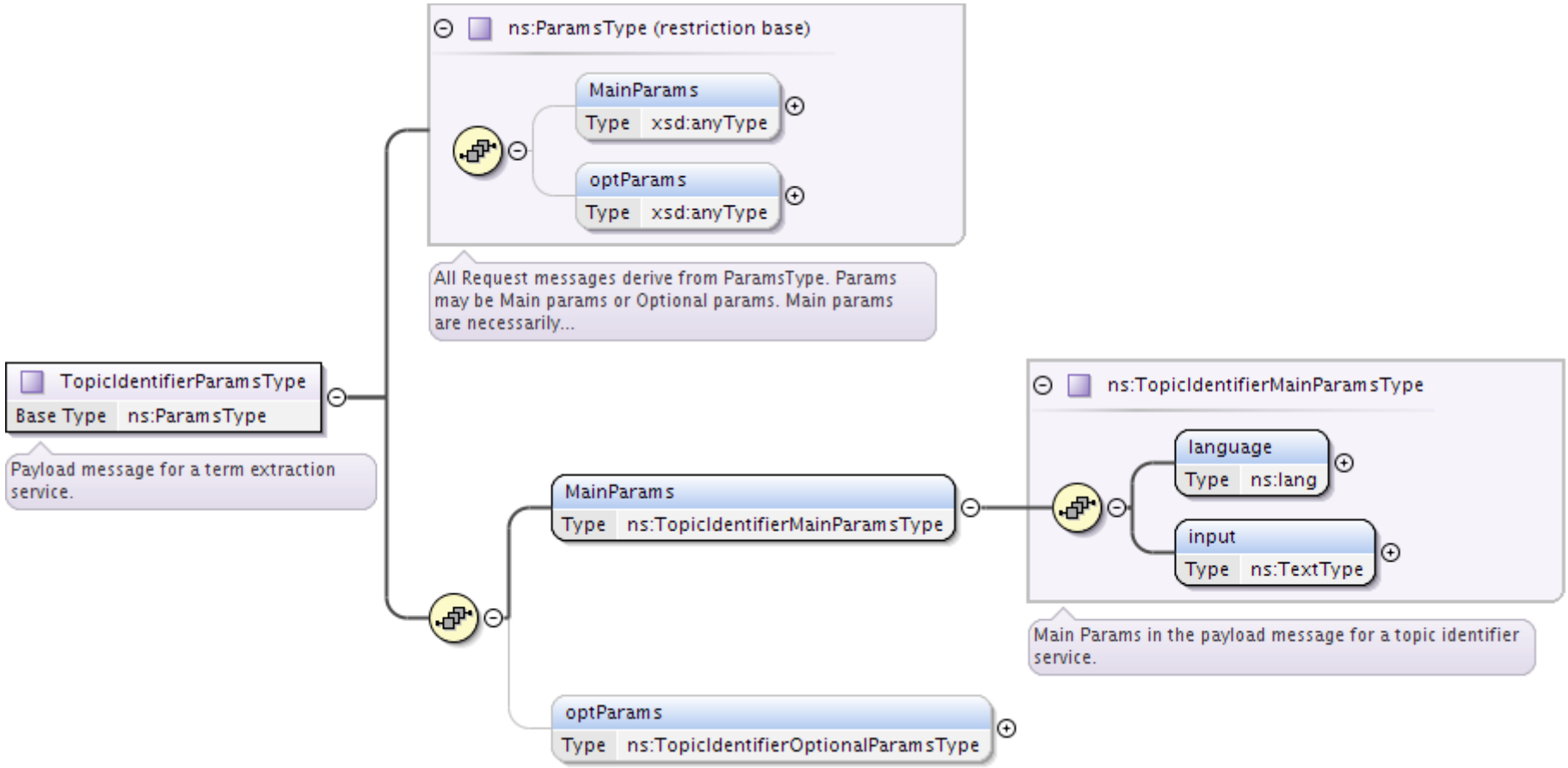
3.5. Alignment



3.6. Term Extraction



3.7. Topic Identification



4. Common Interface (Detailed definition)

In this section the Common Interface is presented in detail. It must be taken into account that this is a theoretical approach. However, in the real implementation of PANACEA, the Common Interface is followed to a certain level. In PANACEA version 1, this means that deployed web services must follow the mandatory and optional divisions and every web service must be provided with, at least, the mandatory parameters specified within this proposal. The Common Interface proposal also has very detailed types for output parameters. However, for PANACEA version 1, the output parameter is usually named “output”.

1. The xsd file defining all types for PANACEA Common Interface can be found in:

   http://panacea-lr.eu/system/types1.2.xsd

2. Detailed documentation can be found in:

   PDF version: http://panacea-lr.eu/system/types1.2.pdf

   Web version: http://panacea-lr.eu/system/types1.2/types1.2.html