

# Init4hm1.SD210-Triple store backend for LexEVS

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## Use Case - Triple store backend for LexEVS

<b>Use Case Number</b> The author-assigned number to refer to each specific use case. The format of this number is <SemCon Ops Initiative><analyst's initials><requirement number>.< use case number>, for example Init1dbw1.1, Init1dbw1.2, Init2dbw2.1, 2.2, etc.	Init4hm1.SD210
<b>Brief Description</b>	This Use case describes the functional usage of mapped LexRDF in a semantic web scenario
<b>Actor(s) for this particular use case</b>	Application developers
<b>Pre-condition</b> The state of the system before the user interacts with it	1. There exists a mapping between LexGrid and RDF in the form of LexRDF 2. The LexEVS API can query using SPARQL
<b>Post condition</b> The state of the system after the user interacts with it	Developer gets the entire information associated with the data element if it is available in LexRDF in triple constructs
<b>Steps to take</b> The step-by-step description of how users will interact with the system to achieve a specific business goal or function	User queries using LexEVS API  User is directed to LexRDF via a direct mapping that exists between LexGrid and RDF  User gets a complete hierarchical and structured information on the data element of interest
<b>Alternate Flow</b> Things which would prevent the normal flow of the use case	A corresponding mapping does not exist between Lexgrid and RDF
<b>Priority</b> The priority of implementing the use case: High, Medium or Low	Medium
<b>Associated Links</b> The brief user stories, each describing the user interacts with the system for the one function only of the use case. There would potentially be a number of user stories that make up the use case.	—
<b>Fit criterion/Acceptance Criterion</b> How would actor describe the acceptable usage scenarios for the software or service that meets the actor's requirement?	Actor can look up data using a semantic search rather than a keyword search.