Init4hm1.SD210-Triple store backend for LexEVS

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Use Case - Triple store backend for LexEVS

Use Case Number **The author-assigned number to refer to each specific use case. The format of this number is <*SemCon Ops Initiative*><*analyst's initiatls*><*requirement number*>.< <*use case number*>, for example Init1dbw1.1, Init1dbw1.2, Init2dbw2.1, 2.2, etc.**	Init4hm1.SD210
Brief Description	This Use case describes the functional usage of mapped LexRDF in a semantic web scenario
Actor(s) for this particular use case	Application developers
Pre-condition **The state of the system before the user interacts with it**	1. Their exists a mapping between LexGrid and RDF in the form of LexRDF 2. The LexEVS API can query using SPARQL
Post condition **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
Steps to take **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
Alternate Flow **Things which would prevent the normal flow of the use case**	A corresponding mapping does not exist between Lexgrid and RDF
Priority **The priority of implementing the use case: High, Medium or Low**	Medium
Associated Links **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.**	—
Fit criterion/Acceptance Criterion **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.