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| Use Case ID | updateRecord(2) |
| Description | Update an existing record in the registry via a web interface |
| Actors | Registry Editor, Registry System |
| Assumptions | 1. The editor has discovered the registry system’s web interface
2. The editor is accessing the registry through a web browser that supports the technology used by the registry’s web interface
3. The editor has located the most recent version of the record by invoking the “retrieveRecordWebInterface” use case.
4. The editor is authorized to execute this use case
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| Pre-conditions | 1. The editor is authenticated and is allowed to execute this feature.
2. The identifier to the record is valid and already exists.
3. The web interface displays all data attributes of the record in the proper format.
4. The system would be able to concurrent update requests.
5. There is a single UDFR registry node where the write would occurs.
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| Primary functional path | 1. On the registry web interface, the editor find the record by searching the registry (invoke searchWebService use case) or by resolving a previously saved identifier.
2. The registry’s web interface displays the current version of the record (invoke retrieveRecordWebInterface”. Read-only data attributes such as persistent record identifiers shall be displayed as read-only. No change can be made on those attributes on the web interface.
3. The editor updates the data attributes according to the record schema.
4. The system validates the data attributes and submits those attributes to the registry.
5. If applicable, the system updates the associations of the record with other data in the registry
6. Add a new version of the record to the registry.
7. The system adds administrative information (ex. date/time of this update) about this record and this action to the registry (invoke AmendAuditTrail use case).
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| Primary result | The system provides verification of successful record update to the registry. If an error occurs during attribute validation, the web interface should provide explicit hints for the editor to fix the data entry. |
| Post-conditions | 1. Record is correctly updated in the registry.
2. Attributes are indexed.
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| Exceptional path | If a system error occurs, the system would rollback the changes. |
| Issues | 1. There is currently a pending issue on determing the read-only data attributes in the registry.
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