

UNIVERSITÄTSKLINIKUM Institut für Pathologie

RWTH cBMB StarLIMS Development

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StarLIMS

StarLIMS is web-based Laboratory Information а Management System (LIMS) allowing to manage various lab processes, including samples archiving, materials ressources management, audit trail, flexible and calculation and data analysis tools.

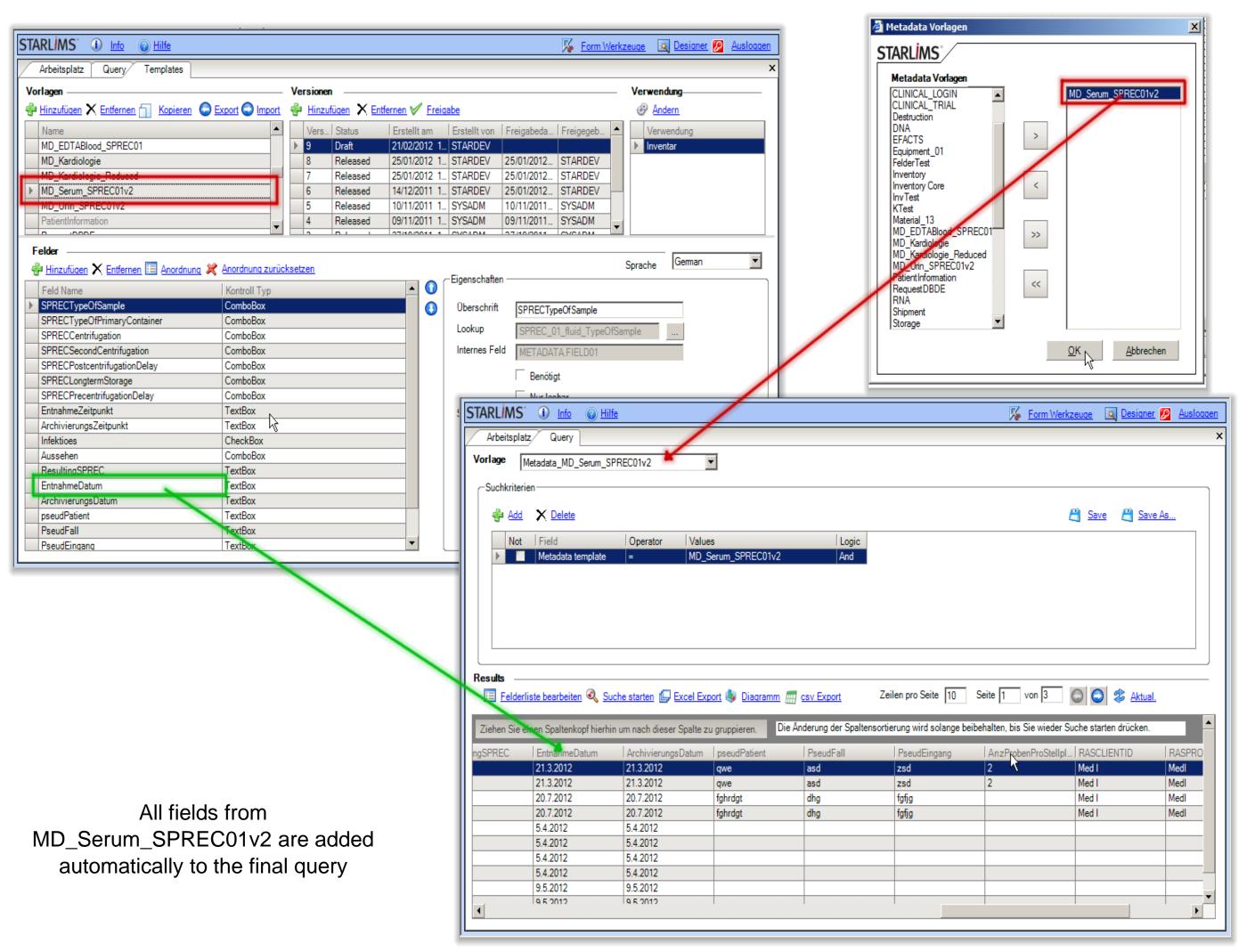
Automatic QBE Templates Generation

QBE (Query-by-example) template for the selected metadata template can be generated automatically, without using QBE Manager. The resulting query contains essential sample characteristics such as ID, material type or project and all the metadata fields with the corresponding captions.

Objectives

- reducing number of time-consimung procedures and facilitating samples archiving in BioRepository
- routine procedures automation (e.g. QBE template generation)
- offline documentation (e.g. • generating printable container grid, QBE results export)
- extending BioRepository with new transactions (e.g. moving samples within container, changing external ID)

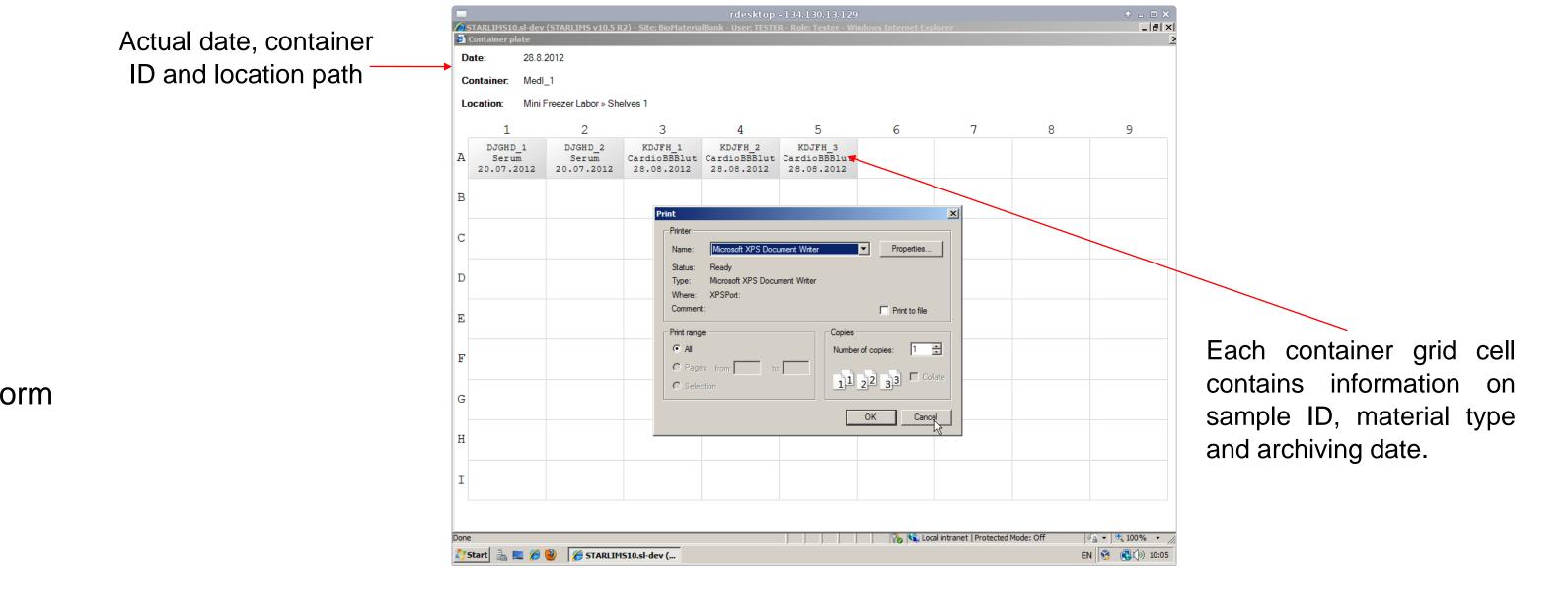
Generating QBE template for the metadata template MD_Serum_SPREC01v2



Enhanced Samples Archiving

- Novel interfaces for samples archiving according to certain material types are introduced reducing the number of data entries and location positioning
- Samples of similar types can be archived using a single interface
- Previously selected values are remembered and used as pre-selection

Printable Container Grid



STARLÍMS 🕕 🔟 😡 Hilfe 🌾 <u>Form Werkzeuge</u> 🛛 🔤 J Arbeitsplatz/ BioLager BioLager 🛃 Suchen 🐨 Archivierung 🝌 Hinzufügen 😢 Entfernen 🐑 Drucker Angen and Angen Berichte pro Seite 25 Seite 0 Sample Submission Form 🔘 🔘 🍣 <u>Aktual</u> Proben Container for cardiology project Start Lagerpositioner Suchen: liehen Sie einen Spaltenkopf hierhin um nach dieser Spalte zu gruppieren archivierungstyp wähler Lageror Archivierung allgeme Archivierung Urin Archivierung Tumor/Normaloeweb Archivierung Tumor/Normalgewebe/Serun Archivierung EFACTS erung Kardiologie Sample Submission For - 🗆 × Chain of Custody General Storage Genealogy Attachments MetaData 28.8.2012 Entnahme Datum Versendet Von Empfangen Vor Allgerne EntnahmeZeitpunkt Inv. ID Institut BioMaterialBank Empfangen von Materialcode Archivierungs Datum 28.8.2012 Kontakt Standard User 28/08/2012 10:27: 💌 Externer Code Archivierungs Zeitpunkt EMail Adresse /erfallsdatum admin@cbmb.rwth-aacher Pseudonym Patient Restmenge Projekt Kardiologie/CardioBiol 🔻 Pseudonym Fall Konzentration Metadata pro Probe Pseudonym Eingang CardioBBPIa Stratum Anzahl Proben Arbitrary many samples Menge pro Probe of material types plasma, CardioBBSerum Pseudonym Anzahl Prober

New BioRepository Transactions

- Changing external ID of a sample Password protected metadata edition
- Moving samples within contauner

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Abbrechen

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