**How many READ and WRITE operations happen per hour?**

- No massive load (usual process): 15000-20000 C, 3000 U, 1000-1200 D, 3300 E, 1000 R

**Queries PRE**

**Stored queries**

**air::adversereactionsbyehrid**: timeout without header=20, 1-2s with header=20 (few results)

*"SELECT c/uid/value AS ID, ev/data[at0001]/items[at0133]/value/value AS DATA\_INICI, ev/data[at0001]/items[at0002]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/value AS DESC\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/value AS DESC\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[at0120]/value/defining\_code/code\_string AS CODI\_CATEGORIA, ev/data[at0001]/items[at0120]/value/value AS DESC\_CATEGORIA, ev/data[at0001]/items[at0120]/value/defining\_code/terminology\_id/value AS CATALEG\_CATEGORIA, ev/data[at0001]/items[at0101]/value/defining\_code/code\_string AS CODI\_SEVERITAT, ev/data[at0001]/items[at0101]/value/value AS DESC\_SEVERITAT, ev/data[at0001]/items[at0101]/value/defining\_code/terminology\_id/value AS CATALEG\_SEVERITAT, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/code\_string AS CODI\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/value AS DESC\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/terminology\_id/value AS CATALEG\_MANIFESTACIO, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/code\_string AS CODI\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/value AS DESC\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/terminology\_id/value AS CATALEG\_ESTAT, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/defining\_code/code\_string AS CODI\_NOM\_COMERCIAL, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/value AS DESC\_NOM\_COMERCIAL, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/defining\_code/terminology\_id/value AS CATALEG\_NOM\_COMERCIAL, ev/data[at0001]/items[at0063]/value/defining\_code/code\_string AS CODI\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/value AS DESC\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/defining\_code/terminology\_id/value AS CATALEG\_NIVELL\_CERTESA, COUNT(c/content[openEHR-EHR-SECTION.adverse\_reaction\_list.v0 and name/value='Adverse reaction details']/items[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2]/data[at0001]/items[at0002]/value) AS substance\_count FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS COMPOSITION c CONTAINS EVALUATION ev[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2] WHERE ev/data[at0001]/items[at0058]/value/value='Non-immune mediated' AND ev/data[at0001]/items[at0120]/value/defining\_code/code\_string MATCHES {'62014003','293104008'} ORDER BY ev/data[at0001]/items[at0133]/value/value DESC"*

**air::heightbyehrid:** 500ms

*"SELECT o/data[at0001]/events[at0002]/data[at0003]/items[at0004]/value/magnitude, o/data[at0001]/events[at0002]/data[at0003]/items[at0004]/value/units, o/data[at0001]/events[at0002]/time/value FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS OBSERVATION o[openEHR-EHR-OBSERVATION.height.v2] ORDER BY o/data[at0001]/events[at0002]/time DESC LIMIT 1"*

**air::knownallergiesbyehrid:** 500ms

*"SELECT DISTINCT c/uid/value AS ID, o/data[at0001]/events[at0002]/data[at0003]/items[at0028]/value/defining\_code/code\_string AS CODI\_TIPUS\_ALERGIES, o/data[at0001]/events[at0002]/data[at0003]/items[at0028]/value/value AS DESC\_TIPUS\_ALERGIES, ev01/data[at0001]/items[at0002]/value/defining\_code/code\_string AS CODI\_EXCLUSIO, ev01/data[at0001]/items[at0002]/value/value AS DESC\_EXCLUSIO, ev02/data[at0001]/items[at0002]/value/defining\_code/code\_string AS CODI\_ABSENCIA\_INFORMACIO, ev02/data[at0001]/items[at0002]/value/value AS DESC\_ABSENCIA\_INFORMACIO, o/other\_participations/performer/external\_ref/id/value AS CODI\_PROFESSIONAL\_TIPUS\_ALERGIES, o/other\_participations/performer/name AS NOM\_PROFESSIONAL\_TIPUS\_ALERGIES, ev01/other\_participations/performer/external\_ref/id/value AS CODI\_PROFESSIONAL\_EXCLUSIO, ev01/other\_participations/performer/name AS NOM\_PROFESSIONAL\_EXCLUSIO, ev02/other\_participations/performer/external\_ref/id/value AS CODI\_PROFESSIONAL\_ABSENCIA\_INFORMACIO, ev02/other\_participations/performer/name AS NOM\_PROFESSIONAL\_ABSENCIA\_INFORMACIO, cl01/items[at0009]/value/defining\_code/code\_string AS CODI\_SERVEI, cl01/items[at0009]/value/value AS DESC\_SERVEI, cl01/items[at0009]/value/defining\_code/terminology\_id/value AS CATALEG\_SERVEI, cl02/items[at0005]/items[at0011]/value/defining\_code/code\_string AS CODI\_CENTRE, cl02/items[at0005]/items[at0011]/value/value AS DESC\_CENTRE, cl02/items[at0005]/items[at0011]/value/defining\_code/terminology\_id/value AS CATALEG\_CENTRE, cl02/items[at0005]/items[at0013]/value/defining\_code/code\_string AS CODI\_UP, cl02/items[at0005]/items[at0013]/value/value AS DESC\_UP, cl02/items[at0005]/items[at0013]/value/defining\_code/terminology\_id/value AS CATALEG\_UP, v/commit\_audit/time\_committed/value AS DATA\_REG FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS VERSION v CONTAINS COMPOSITION c CONTAINS CLUSTER cl01[openEHR-EHR-CLUSTER.xds\_metadata.v0] AND CLUSTER cl02[openEHR-EHR-CLUSTER.admin\_salut.v0] AND (OBSERVATION o[openEHR-EHR-OBSERVATION.adverse\_reaction\_screening.v0] OR EVALUATION ev01[openEHR-EHR-EVALUATION.exclusion\_global.v1] OR EVALUATION ev02[openEHR-EHR-EVALUATION.absence.v2])"*

**air::medallergiesbyehrid:** timeout without header=20, 1-2s with header=20 20 (few results)

*"SELECT c/uid/value AS ID, ev/data[at0001]/items[at0133]/value/value AS DATA\_INICI, ev/data[at0001]/items[at0002]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/value AS DESC\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/value AS DESC\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[at0120]/value/defining\_code/code\_string AS CODI\_CATEGORIA, ev/data[at0001]/items[at0120]/value/value AS DESC\_CATEGORIA, ev/data[at0001]/items[at0120]/value/defining\_code/terminology\_id/value AS CATALEG\_CATEGORIA, ev/data[at0001]/items[at0101]/value/defining\_code/code\_string AS CODI\_SEVERITAT, ev/data[at0001]/items[at0101]/value/value AS DESC\_SEVERITAT, ev/data[at0001]/items[at0101]/value/defining\_code/terminology\_id/value AS CATALEG\_SEVERITAT, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/code\_string AS CODI\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/value AS DESC\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/terminology\_id/value AS CATALEG\_MANIFESTACIO, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/code\_string AS CODI\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/value AS DESC\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/terminology\_id/value AS CATALEG\_ESTAT, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/defining\_code/code\_string AS CODI\_NOM\_COMERCIAL,ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/value AS DESC\_NOM\_COMERCIAL, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/defining\_code/terminology\_id/value AS CATALEG\_NOM\_COMERCIAL, ev/data[at0001]/items[at0063]/value/defining\_code/code\_string AS CODI\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/value AS DESC\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/defining\_code/terminology\_id/value AS CATALEG\_NIVELL\_CERTESA, COUNT(c/content[openEHR-EHR-SECTION.adverse\_reaction\_list.v0 and name/value='Adverse reaction details']/items[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2]/data[at0001]/items[at0002]/value) AS substance\_count FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS COMPOSITION c CONTAINS EVALUATION ev[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2] WHERE ev/data[at0001]/items[at0058]/value/value='Immune mediated' AND ev/data[at0001]/items[at0120]/value/defining\_code/code\_string MATCHES {'416098002','863903001'} ORDER BY ev/data[at0001]/items[at0133]/value/value DESC"*

**air::nonmedallergiesbyehrid:** timeout without header=20, 1-2s with header=20 20 (few results)

*"SELECT c/uid/value AS ID, ev/data[at0001]/items[at0133]/value/value AS DATA\_INICI, ev/data[at0001]/items[at0002]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/value AS DESC\_SUBSTANCIA, ev/data[at0001]/items[at0002]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/code\_string AS CODI\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/value AS DESC\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value/defining\_code/terminology\_id/value AS CATALEG\_SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[at0120]/value/defining\_code/code\_string AS CODI\_CATEGORIA, ev/data[at0001]/items[at0120]/value/value AS DESC\_CATEGORIA, ev/data[at0001]/items[at0120]/value/defining\_code/terminology\_id/value AS CATALEG\_CATEGORIA, ev/data[at0001]/items[at0101]/value/defining\_code/code\_string AS CODI\_SEVERITAT, ev/data[at0001]/items[at0101]/value/value AS DESC\_SEVERITAT, ev/data[at0001]/items[at0101]/value/defining\_code/terminology\_id/value AS CATALEG\_SEVERITAT, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/code\_string AS CODI\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/value AS DESC\_MANIFESTACIO, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0006]/value/defining\_code/terminology\_id/value AS CATALEG\_MANIFESTACIO, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/code\_string AS CODI\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/value AS DESC\_ESTAT, ev/data[at0001]/items[at0130, 'Status']/value/defining\_code/terminology\_id/value AS CATALEG\_ESTAT, ev/data[at0001]/items[at0063]/value/defining\_code/code\_string AS CODI\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/value AS DESC\_NIVELL\_CERTESA, ev/data[at0001]/items[at0063]/value/defining\_code/terminology\_id/value AS CATALEG\_NIVELL\_CERTESA FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS COMPOSITION c CONTAINS EVALUATION ev[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2] WHERE ev/data[at0001]/items[at0058]/value/value='Immune mediated' AND ev/data[at0001]/items[at0120]/value/defining\_code/code\_string MATCHES {'414285001','419199007'} ORDER BY ev/data[at0001]/items[at0133]/value/value DESC"*

**air::weightbyehrid:** 200ms

*"SELECT o/data[at0002]/events[at0003]/data[at0001]/items[at0004]/value/magnitude, o/data[at0002]/events[at0003]/data[at0001]/items[at0004]/value/units, o/data[at0002]/events[at0003]/time/value FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS OBSERVATION o[openEHR-EHR-OBSERVATION.body\_weight.v2] ORDER BY o/data[at0002]/events[at0003]/time DESC LIMIT 1"*

**imm::airbyehrid:** 400ms few results

*"SELECT c/uid/value AS ID, ev/data[at0001]/items[at0133]/value/value AS DATA\_INICI, ev/data[at0001]/items[at0002]/value AS SUBSTANCIA, ev/data[at0001]/items[openEHR-EHR-CLUSTER.adverse\_reaction\_event.v1]/items[at0001]/value AS SUBSTANCIA\_ESPECIFICA, ev/data[at0001]/items[at0120]/value AS CATEGORIA,ev/data[at0001]/items[at0101]/value AS SEVERITAT, ev/data[at0001]/items[at0063]/value AS NIVELL\_CERTESA FROM EHR e CONTAINS COMPOSITION c CONTAINS EVALUATION ev[openEHR-EHR-EVALUATION.adverse\_reaction\_risk.v2] WHERE e/ehr\_id/value= $ehr\_id"*

**imm::contraindicbyehrid: 500ms**

*"SELECT e/data[at0001]/items[at0002] AS codiImmunitzacioCONT, e/data[at0001]/items[at0021] AS reasonCONT, e/data[at0001]/items[at0008] AS commentCONT, e/protocol[at0006]/items[at0022] AS periodStart, e/protocol[at0006]/items[at0023] AS periodEnd FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS COMPOSITION c[openEHR-EHR-COMPOSITION.vaccination\_list.v0] CONTAINS EVALUATION e[openEHR-EHR-EVALUATION.contraindication.v1]"*

**imm::immbycentreiprofessional** : 2s (6 results, 15 results)

*"SELECT e/ehr\_id/value AS ehrId, c/uid/value AS compositionID, admin\_salut/items[at0007]/items[at0014]/value/defining\_code/code\_string AS centre, admin\_salut/items[at0007]/items[at0016]/value/defining\_code/code\_string AS up, med\_ac/other\_participations/performer AS professional, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value/mappings/target/code\_string AS marcaComercial, med\_ac/time/value AS dataAdmin, med\_ac/ism\_transition/current\_state AS estat, med\_ac/description[at0017]/items[at0021] AS reason, c/feeder\_audit AS sisOrigenIds, med\_ac/description[at0017]/items[at0020]/value/defining\_code/code\_string AS codiImmunitzacio, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0150]/value/value AS numLot, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0003]/value/value AS dataCaducitat, med\_ac/description[at0017]/items[at0140]/items[at0147]/value/defining\_code/code\_string AS codiViaAdmin, med\_ac/description[at0017]/items[at0140]/items[at0141]/value/defining\_code/code\_string AS codiLocalitzacio FROM EHR e CONTAINS COMPOSITION c[openEHR-EHR-COMPOSITION.vaccination\_list.v0] CONTAINS (CLUSTER admin\_salut[openEHR-EHR-CLUSTER.admin\_salut.v0] AND SECTION[openEHR-EHR-SECTION.immunisation\_list.v0] AND ACTION med\_ac[openEHR-EHR-ACTION.medication.v1]) WHERE med\_ac/time>= $dataInici AND med\_ac/time<= $dataFi AND admin\_salut/items[at0007]/items[at0014]/value/defining\_code/code\_string=$centre AND med\_ac/other\_participations/performer/identifiers/id=$professional ORDER BY med\_ac/time DESC"*

**imm::immbyehrid:** 600ms 22results

*"select c/feeder\_audit AS sisOrigenIds, c/uid/value AS compositionid, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/time/value AS dataAdmin, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/description[at0017]/items[at0020]/value/defining\_code/code\_string AS codiImmunitzacio, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value AS codiMarcaComercial, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0150]/value/value AS numLot, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/other\_participations/performer AS dadesProfessional, c/context/other\_context[at0004]/items[openEHR-EHR-CLUSTER.admin\_salut.v0]/items[at0007]/items[at0014]/value/defining\_code/code\_string AS codiCentrePublicador, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/provider/identifiers/id as origenInformacio, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/ism\_transition/current\_state AS estat, c/content[openEHR-EHR-SECTION.immunisation\_list.v0]/items[openEHR-EHR-ACTION.medication.v1]/description[at0017]/items[at0021] AS reason  FROM EHR e contains COMPOSITION c[openEHR-EHR-COMPOSITION.vaccination\_list.v0] WHERE e/ehr\_id/value=$ehr\_id"*

**imm::immbyehridva:** 700ms 22results

*"SELECT med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.immunisation\_details.v0]/items[at0001] AS doseEff,med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.immunisation\_details.v0]/items[at0005] AS motiuPerduaImm, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.immunisation\_details.v0]/items[at0006] AS dataPerduaImm, med\_ac/description[at0017]/items[at0024] AS comentari, c/feeder\_audit AS sisOrigenIds, c/uid/value AS compositionid, med\_ac/time/value AS dataAdmin, med\_ac/description[at0017]/items[at0020]/value AS codiImmunitzacio, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0132]/value AS codiMarcaComercial, med\_ac/description[at0017]/items[openEHR-EHR-CLUSTER.medication.v2]/items[at0150]/value/value AS numLot, med\_ac/other\_participations/performer AS dadesProfessional, admin\_salut/items[at0007]/items[at0014]/value/defining\_code/code\_string AS codiCentrePublicador, med\_ac/provider/identifiers/id as origenInformacio, med\_ac/ism\_transition/current\_state AS estat, med\_ac/description[at0017]/items[at0021] AS reason FROM EHR e[ehr\_id/value=$ehr\_id] CONTAINS COMPOSITION c[openEHR-EHR-COMPOSITION.vaccination\_list.v0] CONTAINS ( CLUSTER admin\_salut[openEHR-EHR-CLUSTER.admin\_salut.v0] AND SECTION[openEHR-EHR-SECTION.immunisation\_list.v0] CONTAINS ACTION med\_ac[openEHR-EHR-ACTION.medication.v1]) ORDER BY med\_ac/time DESC"*

**probs::composicions:** 1-2sfew results

*"SELECT c/context/start\_time/value, c/uid/value as versionedId from EHR e CONTAINS COMPOSITION c WHERE c/context/other\_context[at0001]/items[openEHR-EHR-CLUSTER.health\_thread.v0]/items[at0003]/value/id=$probs\_id and c/archetype\_details/template\_id/value=$template\_id and e/ehr\_id/value=$ehr\_id ORDER by c/context/start\_time DESC"*

**probs::llistatnadons:**1-2s few results

*“SELECT c/context/start\_time/value, c/uid/value as versionedId, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.newborn\_puerperium.v0]/items[at0099]/value/value AS idNado FROM EHR e CONTAINS COMPOSITION c WHERE c/context/other\_context[at0001]/items[openEHR-EHR-CLUSTER.health\_thread.v0]/items[at0003]/value/id=$probs\_id and c/archetype\_details/template\_id/value=$template\_id and e/ehr\_id/value=$ehr\_id ORDER BY c/context/start\_time DESC”*

**probs::llistatprobs** 1-2s few results

*“SELECT c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.health\_thread.v0]/items[at0003]/value/id as id\_probs, c/context/start\_time/value as data\_inici, c/context/end\_time/value as data\_fi, c/uid/value FROM EHR e CONTAINS COMPOSITION c WHERE c/archetype\_details/template\_id/value=$template\_id and e/ehr\_id/value=$ehr\_id ORDER by c/context/start\_time DESC”*

**probs::provesembaras**: 5s few results

*“SELECT c/context/start\_time/value AS start\_time, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.test\_request\_screen.v0]/items/name/value AS prova\_name, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.test\_request\_screen.v0]/items/value/value AS prova\_value FROM EHR e CONTAINS COMPOSITION c WHERE c/context/other\_context[at0001]/items[openEHR-EHR-CLUSTER.health\_thread.v0]/items[at0003]/value/id=$probs\_id and c/archetype\_details/template\_id/value=$template\_id and e/ehr\_id/value=$ehr\_id ORDER by c/context/start\_time DESC”*

**probs::sidebar:** 20s few results/time out

*"SELECT c/context/start\_time/value AS start\_time, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0015]/value/value AS interpretacioAlcohol, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0002]/value/magnitude AS puntuacioAlcohol, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0031]/value/value AS interpretacioInhalants, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0006]/value/magnitude AS puntuacioInhalants, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0023]/value/value AS interpretacioCocaina, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0004]/value/magnitude AS puntuacioCocaina, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0027]/value/value AS interpretacioAts, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0005]/value/magnitude AS puntuacioAts, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0039]/value/value AS interpretacioAlucinogens, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0008]/value/magnitude AS puntuacioAlucinogens, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0035]/value/value AS interpretacioSedants, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0007]/value/magnitude AS puntuacioSedants, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0011]/value/value AS interpretacioTabac, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0001]/value/magnitude AS puntuacioTabac, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0044]/value/value AS interpretacioAltres, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0010]/value/magnitude AS puntuacioAltres, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0019]/value/value AS interpretacioCannabis, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0003]/value/magnitude AS puntuacioCannabis, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0043]/value/value AS interpretacioOpioides, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.assist\_test.v0]/items[at0009]/value/magnitude AS puntuacioOpioides, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.escales.v0]/items[at0018]/items[at0019]/value/value AS interpretacioAuditEmbaras, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.escales.v0]/items[at0018]/items[at0002]/value/magnitude AS puntuacioAuditEmbaras, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.escales.v0]/items[at0023]/items[at0007]/value/value AS interpretacioPvs, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.escales.v0]/items[at0023]/items[at0024]/value/magnitude AS puntuacioPvs, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0006]/value/value AS immunitzacioRubeola, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0052]/value/value AS verifGrupSang, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0039]/value/value AS grupSangLabel, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0039]/value/defining\_code/code\_string AS grupSangCode, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0044]/value/value AS rhLabel, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0044]/value/defining\_code/code\_string AS rhCode, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0048]/value/magnitude AS T, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0049]/value/magnitude AS P, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0050]/value/magnitude AS A, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mother\_general\_data.v0]/items[at0051]/value/magnitude AS L, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0126]/value/value AS tabac, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0127]/value/value AS deixarFumar, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0002]/value/value AS classificacioRiscLabel, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0002]/value/defining\_code/code\_string AS classificacioRiscCode, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0007]/value/value AS riscEmbarasLabel, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0007]/value/defining\_code/code\_string AS riscEmbarasCode, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0129]/value/value AS valProfLabel, c/content[openEHR-EHR-OBSERVATION.probs\_base\_observation.v0]/data[at0001]/events[at0002]/data[at0003]/items[openEHR-EHR-CLUSTER.mothers\_pregnancy\_follow\_up\_general\_data.v0]/items[at0129]/value/defining\_code/code\_string AS valProfCode FROM EHR e CONTAINS COMPOSITION c WHERE c/context/other\_context[at0001]/items[openEHR-EHR-CLUSTER.health\_thread.v0]/items[at0003]/value/id=$probs\_id AND c/archetype\_details/template\_id/value=$template\_id AND e/ehr\_id/value=$ehr\_id ORDER BY c/context/start\_time DESC”*

**Queries PRO**

**Ad hoc**

*"SELECT c/uid/value FROM EHR e CONTAINS COMPOSITION c WHERE e/ehr\_id/value=$ehr\_id AND c/feeder\_audit/feeder\_system\_item\_ids/id=$cpc"*