SPARQL QUERIES

SUMME Von **RAM Größe:**

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX owl: <http://www.w3.org/2002/07/owl#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

PREFIX this: <http://bachelor.chrismey.com/sysr.owl#>

SELECT (SUM(?x2) AS ?result)

WHERE {

this:PAM10.2 this:includesProduct\* ?b .

?b this:requires ?c .

?c ?t **this:RamSize**.

**this:RamSize** ?x this:HardwareCharacteristic .

?c this:Value ?x2

} GROUP BY ?t

SUMME Von **Festplatte:**

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX owl: <http://www.w3.org/2002/07/owl#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

PREFIX this: <http://bachelor.chrismey.com/sysr.owl#>

SELECT (SUM(?x2) AS ?result)

WHERE {

this:PAM10.2 this:includesProduct\* ?b .

?b this:requires ?c .

?c ?t **this:DiskSpace**.

**this:DiskSpace** ?x this:HardwareCharacteristic .

?c this:Value ?x2

} GROUP BY ?t

Ausgabe von Software Abhängigkeiten

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX owl: <http://www.w3.org/2002/07/owl#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

PREFIX this: <http://bachelor.chrismey.com/sysr.owl#>

SELECT ?a3 ?b3 ?g2 ?g3 ?e3

WHERE {

this:PAM10.2 this:includesProduct\* ?a3 .

?a3 this:requires ?b3 .

?b3 ?c2 this:ComputerSoftware .

this:ComputerSoftware ?d2 ?d3 .

?b3 ?e2 ?e3 .

?e3 rdfs:subClassOf this:ComputerSoftware .

?b3 ?g2 ?g3 .

FILTER (?g2 IN (this:SoftwareName, this:VersionNumber, this:requires))

} GROUP BY ?a3 ?b3 ?g2 ?g3 ?e3

**Produktzusammensetzung:**

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

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PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

PREFIX this: <http://bachelor.chrismey.com/sysr.owl#>

SELECT ?b

WHERE {

this:1Product2Children1Child10.2 this:includesProduct\* ?b

}GROUP BY ?b