



R-1.1: (ApDbScCo#talk:db/mysql-php-connector) -> (ApDbScCo#exec:sc -> mod-php)
 R-1.2: (ApDbScCo#talk:db/mysql-python-connector) -> (ApDbScCo#exec:sc -> mod-python)
 R-1.3: (ApDbScCo#talk:db/postgres-php-connector) -> (ApDbScCo#exec:sc -> mod-phy)
 R-1.4: (ApDbScCo#talk:db/postgres-python-connector) -> (ApDbScCo#exec:sc -> mod-python)
 R-2.1: (ApDbScCo#talk:db/mysql-php-connector) -> (ApDbScCo#stor:da -> mysql)
 R-2.2: (ApDbScCo#talk:db/mysql-python-connector) -> (ApDbScCo#stor:da -> mysql)
 R-2.3: (ApDbScCo#talk:db/postgres-php-connector) -> (ApDbScCo#stor:da -> postgres)
 R-2.4: (ApDbScCo#talk:db/postgres-python-connector) -> (ApDbScCo#stor:da -> postgres)
 R-3.1: (JaEjbDbCo#talk:db/mysql-java-connector) -> (JaEjbDbCo#store:da -> mysql)
 R-3.2: (JaEjbDbCo#talk:db/postgres-java-connector) -> (JaEjbDbCo#store:da -> postgres)
 R-4.1: (JaWapDbCo#talk:db/mysql-java-connector) -> (ToDbCo#store:da -> mysql)
 R-4.2: (JaWapDbCo#talk:db/postgres-java-connector) -> (ToDbCo#store:da -> postgres)
 R-5.0: (*ToDbCo) -> (ToDbCo#exec:ja -> Tomcat)

(Intended) Semantic Leak:

a) In the context of ApDbScCo are also offered xy-java-connectors as fulfiller of talk:db although ApDbScCo itself doesn't handle java-scripts.

b) In the context of JaEjbDbCo or ToDbCo are also offered xy-php-connectors and xy-python-connectors as fulfiller of talk:db although JaEjbDbCo and ToDbCo both are not able to handle php-scripts

Solutions (based on necessary future) work:

*a) Enable psiKeds to deal with NEGATIVE EVENTS (-> ApDbSc#talk:db/NOT(*xy-java-connectors)*

b) Enable psiKeds to deal with FEATURES, CONCEPTS and RELATIONS ([...].exec:sc~type == [...].talk:db~type)

logic 'free' deduction => LAP-Stack

```
[1] presentDynamicWebPages/ApScCo#    /* because manually selected */
[2] [ deli:pa/Apache                  /* auto, because not more candidates */
[3]   + exec:sc/mod-php ]              /* manually selected */
```

Modus Ponens driven deduction => LAMP/LAPP-Stack

```
[1] presentPersistenbtDynamicWebPages/ApDbScCo# /* because manually selected */
[2] [ deli:pa/Apache                             /* auto, because no alternatives */
[3]   + talk:db/mysql-php-connector              /* because manually selected */
[4]   + exec:sc/mod-php(MP:R-1.1)                /* because R.1.1 has fired (MP) */
[5]   + stor:da/mysql(MP:R-2.1) ]                /* because R.2.1 has fired (MP) */
                                           /* analogously for LAPP-Stack */
```

Modus Tollens driven deduction => LTMJ-Stack

```
[1] presentPersistentJavaApplications/ToDbCo# /* because manually selected */
[2] [ exec:ja/Tomcat                          /* because R.5.0 is firing (MP) */
[3]   + stor:da/mysql                          /* because manually selected */
[4]   + talk:db/mysql-java-connector ]         /* because manually selected fromm */
                                           /* offer without pg-connector */
                                           /* because R.4.2 has fired (MT) */
```

Attention: Semantic Leak

In the context of ToDbCo are also offered xy-php-connectors and xy-python-conncctors as fulfiller of talk:db although ToDbCo does handle php-scripts. Therefore and against the expectations, step 4 does not lead to a final decision.

Running Modus Tollens Decision can be verified by the NOT offered variante postgres-java-connector