**ITRW313**

**Prakties 8 / Practical 8**

09/04/2019

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| Beskou die volgende OEW-drietal (objek-eienskap-waarde drietal), p67 in die handboek se 3e uitgawe, of p83 in die handboek se 4e uitgawe: | | | Consider the following OAV-triple (object-attribute-value triple), p67 in the text book's 3rd edition, or p83 in the text book's 4th edition: | | |
| **Object** | **Attribute** | | **Value** |
| apple | color | | red |
| apple | type | | mcintosh |
| apple | quantity | | 100 |
| grape | color | | red |
| grape | type | | seedless |
| grape | quantity | | 500 |
| * Skryf 'n *deftemplate* **fruit** vir 'n objek wat hierdie drie eienskappe het (slots = **object, color, type** en **quantity**). * Skryf 'n *deffacts* vir die feite in die tabel, LOS DIE **object**-SLOT OOP. * Skryf 'n *defrule* wat   + As 'n feit volgens die **fruit** templaat     - nie 'n waarde in die **object** slot het nie (toets vir nil); en     - die waarde in die **quantity** slot is nie nil nie (toets dit met ~); en     - die waarde in die **quantity** slot is groter as 99 en kleiner as 200; dan   Maak die feit se **object**-waarde gelyk aan **apple** en skryf in 'n eksterne lêer "Computer found: Apple".   * Skryf 'n *defrule* wat alle feite volgens die **fruit** templaat waarvan die **type**-waarde nie **mcintosh** is nie   + Op die skerm die boodskap vertoon: "This type is not a computer: " gevolg deur die waarde van die **type** slot; en   + Die feit uit die feitelys verwyder. * Submit slegs jou Prac8.CLP file op eFundi. | | | * Write a *deftemplate* **fruit** for an object with these three attributes (slots = **object, color, type** and **quantity**). * Write a *deffacts* for the facts in the table, LEAVE THE **object**-SLOT CLEAR. * Write a *defrule* that   + If a fact according to the **fruit** template     - Does not have a value in the **object** slot (test for nil); and     - Has a value in the **quantity** slot that is not nil (test this with a ~); and     - Has a value in the **quantity** slot that is greater than 99 and less than 200; then   Modify the **object**-value of the fact to **apple** and write in an external file "Computer found: Apple".   * Write a *defrule* that, for all facts according to the **fruit** template of which the **type**-value is not **mcintosh**   + Displays on the screen: "This type is not a computer: " followed by the value of the **type** slot; and   + Retracts the fact from the fact list. * Submit only your Prac8.CLP file to eFundi. | | |