**Repeat until loop**

The REPEAT-UNTIL structure is similar to the [WHILE structure](http://larp.marcolavoie.ca/en/DocHTM/10200.htm). It involves executing repeatedly an instruction sequence according to the value of a [condition](http://larp.marcolavoie.ca/en/DocHTM/9200.htm).

However, REPEAT-UNTIL and WHILE structures differs in two ways:

1. The WHILE structure executes the instructions sequence as long as the condition is satisfied, while the REPEAT-UNTIL structure executes the instructions sequence as long as the condition is not satisfied. In other words, the REPEAT-UNTIL structure iterates until the condition becomes true.
2. The WHILE structure checks the condition before each [iteration](http://larp.marcolavoie.ca/en/DocHTM/10200.htm) while the REPEAT-UNTIL structure checks the condition after each iteration.

The main distinction between the two structures resides in the fact that, in the REPEAT-UNTIL structure, the instructions sequence is executed at least once, without regards to the value of the condition. This distinction is clearly highlighted by the location of the condition at the end of the structure, as opposed to the WHILE structure in which the condition is located at the entry point of the structure.