## Circle Language Spec Plan, Execution Control Spec, Project Summary

*Author: JJ van Zon*

*Location: Oosterhout, The Netherlands*

*Date: June 12, 2008*

### Goal

This is part of the project *Diagrams, Coding Principles & Coding Concepts*.

Only the execution control concepts are covered here.

Even though this project’s goal is to take a break from the project *Diagram Expression for Classes & Relations*, a lot of clear clues were found about automatic containment and other command topics here, that can be used in the project *Methods as a Concept*.

### Super-project

*Diagrams, Coding Principles & Coding Concepts*.

### Time

June 6, 2008 – June 12, 2008

1 week

34 ½ hours of work

### Products

The following **44** articles were produced:

*Execution Control* articles

version *2008-06-12 00 1.0*

*Execution Control in a Diagram* articles

version *2008-06-12 00 1.0*

Consisting of:

*- Introduction*

*- Execution Control in a Diagram*

*- Conditional Execution*

*- Conditional Execution in a Diagram*

*- If*

*- If in a Diagram*

*- Else If*

*- Else If in a Diagram*

*- Select Case*

*- Select Case in a Diagram*

*- Select Case (exact value)*

*- Select Case (exact value) in a Diagram*

*- Select Case (split formula)*

*- Select Case (split formula) in a Diagram*

*- Loops*

*- Loops in a Diagram*

*- For*

*- For in a Diagram*

*- For (range)*

*- For (range) in a Diagram*

*- For (conditional)*

*- For (conditional) in a Diagram*

*- For Each*

*- For Each in a Diagram*

*- While*

*- While in a Diagram*

*- Until*

*- Until in a Diagram*

*- Jumps*

*- Jumps in a Diagram*

*- Normal Execution Order*

*- Normal Execution Order in a Diagram*

*- Label & Goto*

*- Label & Goto in a Diagram*

*- Call & Return*

*- Call & Return in a Diagram*

*- Exit Command*

*- Exit Command in a Diagram*

*- Loop-Related Jumps*

*- Loop-Related Jumps in a Diagram*

*- Continue*

*- Continue in a Diagram*

*- Exit Loop*

*- Exit Loop in a Diagram*