## Circle Language Spec Plan, 2008-05 Clarify Automatic Execution Order & Diagram Notation Specs, Project Summary

*Author: JJ van Zon*

*Location: Oosterhout, The Netherlands*

*Date: May 19, 2008 - May 27, 2008*

### Goal

This project is part of the super-project *Get clearer view*, which is part of the super-project *Document Computer Language*.

After 2 projects of difficult *flat & structured interchange* topics, I was able to choose from two projects:

- Automatic execution order

- Concepts as external modules

First I chose the project *concepts as external modules*. It was much different material compared to the flat & structured interchange topics. It would give me a break from the difficult flat & structured interchange topics.

But I realized, that I am most frustrated by the fact, that it is very unclear to me how the diagram notation exactly will be. I can’t stand it.

Automatic execution order may be the last unclarified topic, that has a big influence on the computer language and diagram expression. Automatic containment also needs adaptations, which frustrates me as well. After that, I might be able to clear up the diagram expression completely, and have all that dealt with. It’s just the highest priority right now in the *Get Clearer View* super-project.

Concepts as External Modules has to wait.

Automatic Object Formation will not influence the diagram notation much.

The goal of the project is to get a clear view on automatic execution order and a clear view on how the diagram notation is going to be.

The means of the goal were:

- Work out automatic execution order

- Adapt the article automatic containment

- Get diagram expression rules clear

Only get the diagram expression rules clear for yourself, but don’t finish all the documentation. Save that for a later project or otherwise the project might become too big.

There were plans to write or adapt other articles as well:

- Relational = Object Oriented (new article)

- Class = Prototype (new article)

- [Symbol = Creator.doc](file:///D:\1.%20Systems\1.%20Documentation\1.%20Software%20System\XXXX-XX-XX%20XX\01.%20Code\01.%20Fundamental%20Principles\1.1.%20%20%20%20Symbol%20=%20Creator\XXXX-XX-XX%20XX\Symbol%20=%20Creator.doc)

- Internet as a single computer.

But after working out a lot of Diagram Expression articles,

and a brainstorm about automatic execution order, the goal of the super project *Get Clearer View* was already reached.

Automatic execution will have some influence on the diagram, but not a lot.

### Super-project

Document Computer Language

### Time

May 19, 2008 – May 27, 2008

1 week and 2 days

18 hours of work

### Products

- The following was produced:

- Clearer view on automatic execution order and diagram notation

- The following ***47*** articles were produced:

*(but of 3 of them only a start)*

- *Basic Diagram Elements*

version *2008-05-20 00 1.0*

- Coding Principles and their Diagram Expression:

- *Identifiers*

version *2008-05-27 00 1.0*

- *Identifiers in a Diagram*

version *2008-05-27 00 1.0*

- *Omitted Identifier*

version *2008-05-27 00 1.0*

- *Omitted Identifier in a Diagram*

version *2008-05-27 00 1.0*

- *Objects*

version *2008-05-27 00 1.0*

- *Objects in a Diagram*

version *2008-05-27 00 1.0*

- *Sub-objects*

version *2008-05-27 00 1.0*

- *Sub-objects in a Diagram*

version *2008-05-27 00 1.0*

- *Object Reference*

version *2008-05-27 00 1.0*

- *Object Reference in a Diagram*

version *2008-05-27 00 1.0*

- *Related Objects*

version *2008-05-27 00 1.0*

- *Related Object in a Diagram*

version *2008-05-27 00 1.0*

- *Values*

version *2008-05-27 00 1.0*

- *Values in a Diagram*

version *2008-05-27 00 1.0*

- *Multiplicity*

version *2008-05-27 00 1.0*

- *Multiplicity in a Diagram*

version *2008-05-27 00 1.0*

- *Methods*

version *2008-05-27 00 1.0*

- *Methods in a Diagram*

version *2008-05-27 00 1.0*

- *Method Parameters*

version *2008-05-27 00 1.0*

- *Method Parameters in a Diagram*

version *2008-05-27 00 1.0*

- *Method Call*

version *2008-05-27 00 1.0*

- *Method Call in a Diagram*

version *2008-05-27 00 1.0*

- *Method Objects*

version *2008-05-27 00 1.0*

- *Method Objects in a Diagram*

version *2008-05-27 00 1.0*

- *Method Reference*

version *2008-05-27 00 1.0*

- *Method Reference in a Diagram*

version *2008-05-27 00 1.0*

- *Clause*

version *2008-05-27 00 1.0*

- *Clause in a Diagram*

version *2008-05-27 00 1.0*

- *Globality*

version *2008-05-27 00 1.0*

- Globality in a Diagram

version *2008-05-27 00 1.0*

- *Assignment*

version *2008-05-27 00 1.0*

- *Assignment in a Diagram*

version *2008-05-27 00 1.0*

- *Value Assignment*

version *2008-05-27 00 1.0*

- *Value Assignment in a Diagram*

version *2008-05-27 00 1.0*

- *Object Assignment*

version *2008-05-27 00 1.0*

- *Object Assignment in a Diagram*

version *2008-05-27 00 1.0*

- *Method Definition Assignment*

version *2008-05-27 00 1.0*

- *Method Definition Assignment in a Diagram*

version *2008-05-27 00 1.0*

- Made a start with:

- *Method Versus Object*

version *2008-05-26 XX*

- *System Methods*

version *2008-05-26 XX*

- Coding Concepts and their Diagram Expression:

- Finished:

- *Attributes*

version *2008-05-27 00 1.0*

- *Attributes in a Diagram*

version *2008-05-27 00 1.0*

- *Target Objects*

version *2008-05-27 00 1.0*

- *Target Objects in a Diagram*

version *2008-05-27 00 1.0*

- *Classes*

version *2008-05-27 00 1.0*

- *Classes in a Diagram*

version *2008-05-27 00 1.0*

- Made a start with:

- *Relations in a Diagram*

version *2008-05-27 XX 0.9*