## Circle Language Spec Plan, Fundamental Principles, 2008-04 Automatic Containment Spec, Project Summary

*Author: JJ van Zon*

*Location: Oosterhout, The Netherlands*

### Goal

Fully understand automatic containment again and fully document the idea.

The super project is *Get clearer view*. In that project I was supposed to work out the ideas, that totally mess up the original way of thinking. At the beginning of the project I found out I did not understand automatic containment anymore. I decided to turn working out automatic containment into a separate project, and save the other subjects for later.

I will review old material, and brainstorm until I understand it again, document it fully, including the exact procedure of deriving containment structure out of referential structure.

Automatic Containment will be worked out in the following document:

[Automatic Containment.doc](file:///D:\1.%20Systems\1.%20Documentation\1.%20Software%20System\XXXX-XX-XX%20XX\02.%20Code\03.%20Flat%20&%20Structured%20Interchanged\1.%20Containment\1.%20Automatic%20Containment\XXXX-XX-XX%20XX)

The following document and older versions of it might conatin useful information for the project:

[Symbol = Creator](file:///D:\1.%20Systems\1.%20Documentation\1.%20Software%20System\XXXX-XX-XX%20XX\02.%20Code\01.%20Fundamental%20Principles\1.1.%20%20%20%20Symbol%20=%20Creator)

The solution to Automatic Containment was inspired by the *closest mutual parent* principle, described in the original Symbol Language documentation:

[Symbol Language.doc](file:///D:\1.%20Systems\1.%20Documentation\1.%20Software%20System\XXXX-XX-XX%20XX\02.%20Code\05.%20Expression\3.%20Diagrams\XXXX-XX-XX%20XX\Symbol%20(%20Cross%20Out%20Copy%20)\Symbol%20Language.doc)

However hard or simple it was to solve the problem: I solved an important discrepancy between Creator and Symbol regarding one being purely referential and the other very containment based. However the simple or hard the solution: it is solved now.

The article [Automatic Containment.doc](file:///D:\1.%20Systems\1.%20Documentation\1.%20Software%20System\XXXX-XX-XX%20XX\02.%20Code\03.%20Flat%20&%20Structured%20Interchanged\1.%20Automatic%20Containment\2008-04-24%2000%20%201.0) was produced,  
version *2008-04-24 00 1.0*

### Date & Time

2008-04-15 – 2008-04-24

10 days

28 ½ hours of work