OPUS : a Formal Approach to Object-Orientation
ERRATA

Tom Mens, Kim Mens, Patrick Steyaert

Department of Computer Science, Faculty of Sciences
Vrije Universiteit Brussel, Pleinlaan 2, B-1050 Brussels, Belgium
e-mail: {tommens@is1kimmens@is1prsteyae@vnet3}.vub.ac.be
www: http://progwww.vub.ac.be/prog/pools/opus/opus.html

This text contains a list of errata still present in our paper in the FME'94 Conference Proceedings. The changes made are printed in bold.

2.3 Message Passing

<table>
<thead>
<tr>
<th>Rule 1: Message passing to a simple object</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ L , N=E ] N → E (variable selection)</td>
</tr>
<tr>
<td>[ L , A ] N → [ L ] N if A is no N-variable association</td>
</tr>
</tbody>
</table>

2.6 Object Composition

<table>
<thead>
<tr>
<th>Rule 4: Composition of objects</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) ([ L₁ ] + [ L₂ ]) → [ L₁ , L₂ ]</td>
</tr>
<tr>
<td>b) (&lt; E₁ / E₂ &gt; + E ) → &lt; E₁ / ( E₂ + E ) &gt;</td>
</tr>
</tbody>
</table>

3.4 Recursive Data Structures

```
```

4.1 Class-based Inheritance

```
MODIFIER ::= [ set# ( x ≤ 5 ) if:[ then=<self[self=self.class=class,x=x,y=y],
                else=error ] ]
```

4.2 Mixin-based Inheritance

```
sOBJECT makePoint:[x=1,y=2] sety:[y=3] addColor:[c=yellow] make3D:[z=2] c
```