

1 Demo für das Paket algorithm2e

Achtung: Bug in algorithm2e.sty

(Version: \$Id: algorithm2e.sty,v 5.1 2015/10/18 21:37:30 cfiorio Exp \$)

In Zeile 1061 muss es statt

```
\newboolean{algotcf@displaygroupmarkers}{\setboolean{algotcf@displaygroupmarkers}{false}}
```

richtig heißen

```
\newboolean{algotcf@displaygroupmarkers}\setboolean{algotcf@displaygroupmarkers}{false}
```

Die «geschweifte Klammer auf» { vor \setboolean muss entfernt werden.

```
\begin{algorithm}[H]
  \SetAlgoLined
  \KwData{this text}
  \KwResult{how to write algorithm with \LaTeX2e }
  initialization\;
  \While{not at end of this document}{
    read current\;
    \eIf{understand}{
      go to next section\;
      current section becomes this one\;
    }{
      go back to the beginning of current section\;
    }
  }
  \caption{How to write algorithms}
\end{algorithm}
```

Data: this text

Result: how to write algorithm with $\text{\LaTeX}2e$

initialization;

while *not at end of this document* **do**

 read current;

if *understand* **then**

 go to next section;

 current section becomes this one;

else

 go back to the beginning of current section;

end

end

Algorithm 1: How to write algorithms