

# ConTEXTt

The background of the page is a dense, overlapping pattern of numerous small, stylized document icons. Each icon is a dark gray rectangle with a white border and contains several horizontal white lines, representing text. The icons are scattered across the entire page, creating a textured, collage-like effect.

**title** : ConTEXTt User Module  
**subtitle** : Dead stone calculator for go  
**author** : Wolfgang Schuster  
**date** : September 10, 2007



```

1 \writestatus{loading}{Context User Module / Dead stone calculator for go}
2 \unprotect
3 \newcount\boardsize
  \newcount\deadcount
  \newcount\stonecount
4 \chardef\plussix =6
  \chardef\pluseven=7
5 \boardsize=19
  \deadcount=2

```

`\placeboard` The following two commands can be used to draw a simple board with the current state, `\placeboard` is only used for testing the module and let me see the current values of every node.

The second board is intended for tracing the output and calculations of my macros on the terminal and will also appear in the log file if the user has it enabled. It use a symbols instead of numeric values for the output.

Only meant for my test files and not for real output. I need another name to prevent a clash with another modules.

```

6 \def\intersctionfield{.} % was previously 0
  \def\blackfield {X} % was previously 1
  \def\whitefield {0} % was previously 2
  \def\fieldstyle {\tt}
7 \def\placeboard
  {\dorecurse{\the\boardsize}
  {\edef\boardrow{\recurselevel}%
  \hbox{\dorecurse{\the\boardsize}
  {\edef\boardcolumn{\recurselevel}%
  \hbox\!!to1em
  {\hss\fieldstyle % switched from roman to mono
  \ifcase\currentstone\relax
  \intersctionfield\or
  \blackfield \or
  \whitefield \or
  3\ignorespaces \or
  4\ignorespaces \or
  5\ignorespaces \or
  6\ignorespaces \or
  7\ignorespaces \fi\hss}}}}}}

```

Todo:

- header above every board
- empty line before and after every board
- frame for the board on all four sides

Dead stone calculator for go

```
8 \def\placeterminalboard
  {\newlinechar=\^^J
  \message{^^J}% start a new line before we place the board
  \dorecurse{\the\boardsize}
  {\edef\boardrow{\recurselevel}%
  \edef\zahl{ }% put a space to the left of the line
  \dorecurse{\the\boardsize}
  {\edef\boardcolumn{\recurselevel}%
  \edef\zahl
  {\zahl
  \ifcase\currentstone
  \intersctionfield\space\or
  \blackfield \space\or
  \whitefield \space\fi}}
  \message{\zahl^^J}} % place the current line and move to the next
```

Loading of the mkii and mkiv files.

```
9 \loadmarkfile{deadstone}
10 \protect \endinput
```

\placeboard 1

\placeterminalboard 1

