powerdot example 3 — verbatim and random dots

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Christopher Ellison

December 3, 2010



- 1. This file demonstrates
 - some uses of verbatim
- 2. and
 - some uses of randomdots



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section



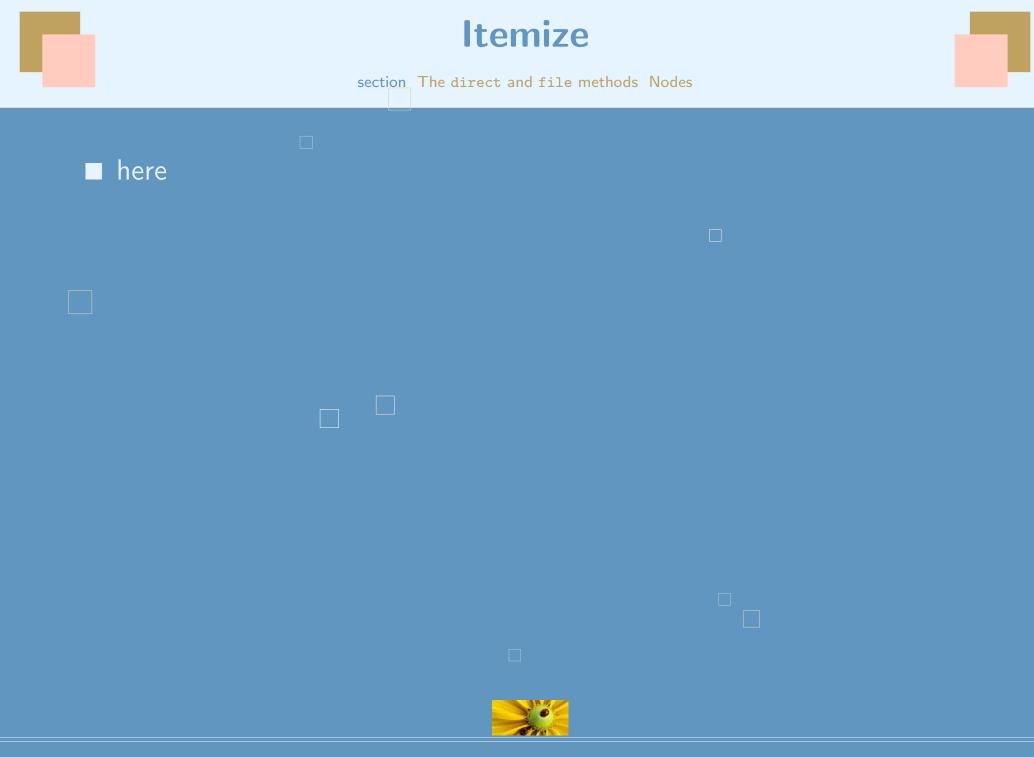
Name that quote

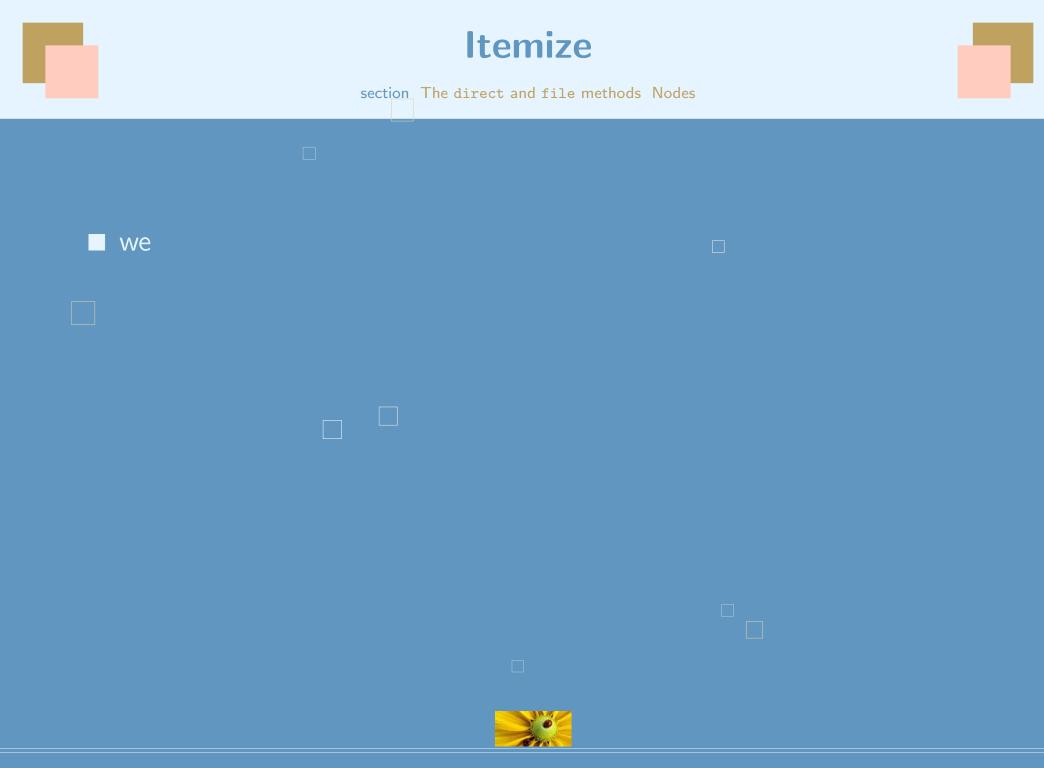
section The direct and file methods Nodes

Gödel, Escher, Bach: an Eternal Golden Braid G\"odel, Escher, Bach: an Eternal Golden Braid

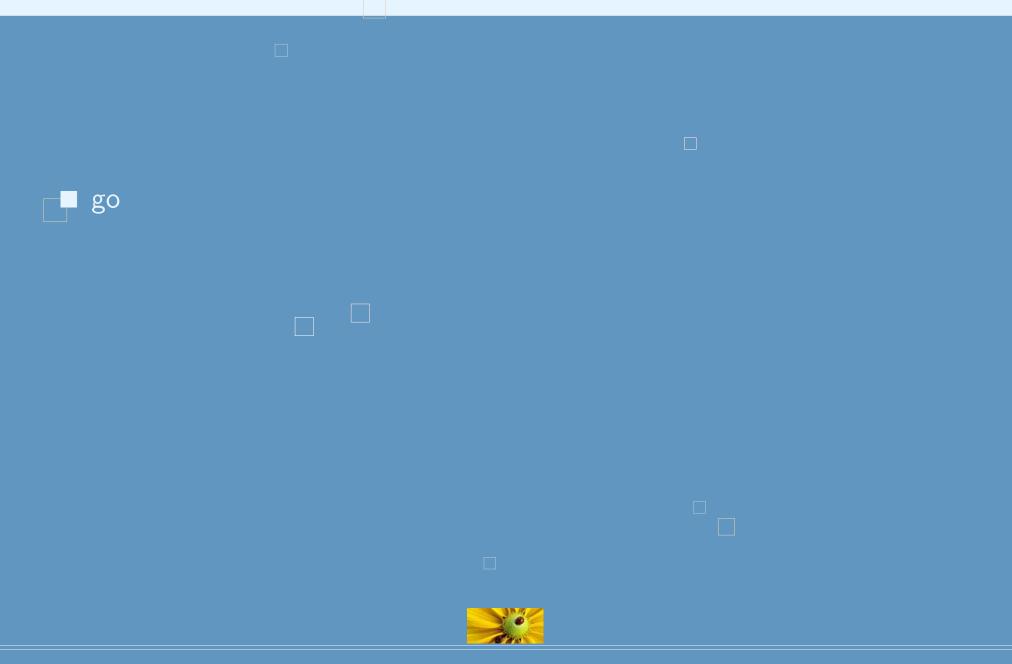
The two of you may find it amusing to listen to such totally meaningless cacophony, but I assure you it is not at all pleasant for a sensitive composer to be subjected to such excruciating, empty dissonances and meaningless rhythms. Achilles, I thought you had a good feeling for music. Could it be that your previous pieces had merit merely by coincidence?













Quadratic

section The direct and file methods Nodes

With method=direct, there are no overlays. But you can still use display verbatim text.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Attempting a pause... Plot[3x,{x,0,10}]



Quadratic

section The direct and file methods Nodes

With method=file,





With method=file, you can display verbatim text and have overlays.





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 \mathcal{X}





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Attempting





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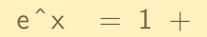






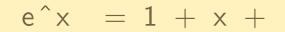
















$e^x = 1 + x + x^2/2! + ...$





$e^x = 1 + x + x^2/2! + ...$ e^x



Example 3

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Notice, this fraction is in mathmode.

The above (as its own slide) was coded as follows:

```
\begin{slide}[method=file]{Taylor}
  \begin{lstlisting}[escapechar=|,mathescape]
    e^x |\pause| = 1 + |\pause|x + |\pause|x^2/2! + |\color{red}{\ldots}| |\pause|
    e^x |\pause| = 1 + |\pause|x + |\pause|$\rnode{A}{\frac{x^2}{2!}}$ + |\color{red}{\ldots}|
    \end{lstlisting}
    \pause\vspace{.1in}
    Notice, \rnode{B}{this} fraction is in \verb|mathmode|.
    \onslide*{11-}{\ncarc[linecolor=blue,arcangle=-5]{->}{B}{A}}\pause \vspace{.1in}
}
```





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