

powerdot example 3 — verbatim and random dots

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Overview

section The direct and file methods Nodes

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



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Name that quote

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Gödel, Escher, Bach: an Eternal Golden Braid

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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?



Itemize

section The direct and file methods Nodes

■ here



Itemize

section The direct and file methods Nodes

■ we



Itemize

section The direct and file methods Nodes

■ go



```
<?php
if ($day == "monday")
{
    $callInSick = true;
}
else
{
    $callInSick = false;
}
?>
```



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`,



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



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x



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$$x =$$



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Taylor

section The direct and file methods Nodes

e^x



Taylor

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$$e^x = 1 +$$



Taylor

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$$e^x = 1 + x +$$



Taylor

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$$e^x = 1 + x + \frac{x^2}{2!} + \dots$$



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Notice, this fraction is in `mathmode`.



Taylor

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$$e^x = 1 + x + x^2/2! + \dots$$

$$e^x = 1 + x + \frac{x^2}{2!} + \dots$$

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}
\end{slide}
```



Taylor

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