Hi Tobias and Berend,

I've tried to implement both your verbatim pretty printing wishes. Actually, some hooks were already present, but not yet used. I extended the pretty printer by 'typeset comment in TEX' feature, which is more general than just *italics as Berend wanted*. I also provided settings for setting the fonts of keywords. Instead of using font parameters, I use command ones: given some constraints, one can use whatever command, i.e. optionally grabbing one argument.

As soon as I've implemented 'font palets' I will also provide setting fonts in a way similar to colors (I know that Taco wants this, e.g. for the maps, but for the moment his way of setting them is ok.).

You know this one:

```
\startTEX
\def\mathematics#1%          % usage: \type {\mathematics{x^2}}
  {\ifmmode#1\else$#1$\fi}  % becomes: \mathematics{x^2}
\stopTEX
```

This gives:

```
\def\mathematics#1%          % usage: \type {\mathematics{x^2}}
  {\ifmmode#1\else$#1$\fi}  % becomes: \mathematics{x^2}
```

I'm not if you're aware of the present for long comment escape. When `\newprettytrue` is set, e.g. in `cont-sys.tex`, one can use `%%\ M` to switch to for instance METAPOST mode, or `%%\[+` to let `[` be pretty printed as `+`. I implemented the latter to support catcode changes, so this only makes sense in pretty printing complex TEX code. More examples can be found in the `verb` files. I added the natural TEX N key:

```
\startTEX
\def\mathematics#1%        %%\ N  usage: \type {\mathematics{x^2}}
  {\ifmmode#1\else$#1$\fi}  %%\ N  becomes: \mathematics{x^2}
\stopTEX
```

or:

```
\def\mathematics#1%          usage: \mathematics{x^2}
  {\ifmmode#1\else$#1$\fi}  becomes: 
```
becomes: x^2

Now back to SQL:

```
\startSQL
select *        -- indeed, here we {\em do} select
  from tableA
  where 1 = 2
\stopSQL
```

By default one gets:

```
select *        -- indeed, here we {\em do} select
  from tableA
  where 1 = 2
```

A new mode, called natural text mode, will however turn your comments into typeset TEX. For TEX typesetting this looks like:

```
\def\mathematics#1%          usage: \mathematics{x^2}
  {\ifmmode#1\else$#1$\fi}   becomes: x²
```

This is keyed in as follows; watch out, preceding `%`'s are handled as normal!

```
\setuptyping
  [TEX]
  [text=yes]

\startTEX
\def\mathematics#1%          % usage: \type {\mathematics{x^2}}
  {\ifmmode#1\else$#1$\fi}   % becomes: \mathematics{x^2}
\stopTEX
```

The `text` key enables natural TEX mode, while the command keys set the fonts or else. So, how about SQL?

```
\setuptyping
  [SQL]
  [text=yes,palet=,icommand=\bf,vcommand=,ccommand=\it]

\startSQL
select *        -- indeed, here we {\em do} select
  from tableA
  where 1 = 2
\stopSQL

\setuptyping
  [SQL]
  [ccommand=\tf\underbar]

\startSQL
select *        -- indeed, here we {\em do} select
  from tableA
  where 1 = 2
\stopSQL
```

Now watch:

select *   *indeed, here we* do *select*
  from tableA
  where 1 = 2

select *   <u>indeed, here we *do* select</u>
  from tableA
  where 1 = 2

I suppose that the both of you can set up your local `cont-sys` file to honor your personal preferences. By the way, Berend, is `//` also a SQL comment?

You need ε-TeX or pdfε-TeX to use this features, but I suppose you already use one of them. You need also need a font patch, because some silly and obscure nesting bug surfaced (only in non dutch versions).