

# 1 T<sub>E</sub>X4ht Supports Lettrine

Raphaël Pinson has kindly contributed the code that enables T<sub>E</sub>X4ht to support `lettrine` package. (`lettrine.sty` helps to typeset dropped capitals in a  $\LaTeX$  document.) This probably will solve the long standing problem of drop capital support in T<sub>E</sub>X4ht, even if all the options of `lettrine` package are not supported at this time. Hope, Raphaël will continue support to enhance T<sub>E</sub>X4ht by adding all the missing options of `lettrine`.

Only `ante` option is supported now apart from basic command `\lettrine` with two arguments, the first being the character for dropped capital and second, rest of characters in that string or chosen to form what is usually called `lettrine line`.

Seven T<sub>E</sub>X4ht hooks have been provided to configure `lettrine` as given here-under:

1. Before `\lettrine`
2. After `\lettrine`
3. Before lettrine initial character
4. Between lettrine initial character and lettrine line
5. After lettrine line
6. Before lettrine ante
7. After lettrine ante

Further hooks, namely `\HlettrineChar` and `\HlettrineString` have been defined to access initial character and lettrine line respectively, in case, we want to further re-configure `\lettrine`. The default configuration is provided below:

```
\Configure{lettrine}
  {\HCode{<span class="lettrine lettrine-\HlettrineChar">}}
  {\HCode{</span>}}
  {\HCode{<span class="lettrine-letter">}}
  {\HCode{</span><span class="lettrine-line">}}
  {\HCode{</span>}}
  {\HCode{<span class="lettrine-ante">}}
  {\HCode{</span>}}
```

Users shall write their own custom `css` declarations to format the dropcapital and lettrine line to suit their taste. The default `css` declarations are:

```
\Css{.lettrine{float: left;
  line-height: 0.7; margin-left: -0.1em;
  margin-bottom: -.5em; margin-right: 0.2em;}}
\Css{.lettrine-ante{vertical-align: top;}}
\Css{.lettrine-letter{font-family: InitialsFont; font-style: normal;
  font-size: 4em; color: gray;}}
\Css{.lettrine-A{margin-right: 0.3em;}}
\Css{.lettrine-A + .lettrine-line{margin-left: -0.4em;}}
\Css{.lettrine- {margin-right: 0.3em;}}
\Css{.lettrine- + .lettrine-line{margin-left: -0.4em;}}
```

```
\Css{.lettrine-J{line-height: 1; margin-right: 0;}}
\Css{.lettrine-H, .lettrine-I, .lettrine-N, .lettrine-U{margin-right: 0;}}
\Css{.lettrine-V{margin-right: -0.3em;}}
\Css{.lettrine-V + .lettrine-line{margin-left: 0.3em;}}
\Css{.lettrine-Q{padding-bottom: 1em;margin-top: -0.6em;}}
\Css{.lettrine-line{font-variant: small-caps;}}
```

A typical `html` page generated with the help of this newly created `lettrine.4ht` can be seen [here](#).