

The bidi-atbegshi Package

Vafa Khalighi
<tex.ctan@gmail.com>

September 11, 2014

The bidi-atbegshi adds bidi support to package atbegshi; it modifies the `\AtBeginShipoutUpperLeft`, and `\AtBeginShipoutUpperLeftForeground` so that they properly both in LTR and RTL modes. In addition, it also defines the following commands:

`\AtBeginShipoutUpperRight` $\{\langle background material \rangle\}$

This is a macro that puts material in the background of box `\AtBeginShipoutBox`. The $\langle background material \rangle$ is set in an `\hbox`, the reference point is the upper right corner of the output page.

The macro `\AtBeginShipoutUpperRight` is intended to be used in one of the hook setting macros, such as `\AtBeginShipout`, `\AtBeginShipoutFirst`, or `\AtBeginShipoutNext`.

The $\langle background material \rangle$ is set inside a `picture` environment:

```
\begin{picture}(0,0)
  \setlength{\unitlength}{1pt}%
  \langle background material \rangle
\end{picture}
```

`\AtBeginShipoutLowerLeft` $\{\langle background material \rangle\}$

Similar to the `\AtBeginShipoutUpperRight` command but the reference point is the lower left corner of the output page.

`\AtBeginShipoutLowerRight` $\{\langle background material \rangle\}$

Similar to the `\AtBeginShipoutUpperRight` command but the reference point is the lower right corner of the output page.

`\AtBeginShipoutUpperRightForeground` $\{\langle foreground material \rangle\}$

See `\AtBeginShipoutUpperRight`. The difference is that the material is put in the foreground.

`\AtBeginShipoutLowerLeftForeground` $\{\langle foreground material \rangle\}$

See `\AtBeginShipoutLowerLeft`. The difference is that the material is put in the foreground.

`\AtBeginShipoutLowerRightForeground` $\{\langle foreground material \rangle\}$

See `\AtBeginShipoutLowerRight`. The difference is that the material is put in the foreground.

`\LengthToUnit` $\{\langle length with units \rangle\}$

For instance, `\LengthToUnit{12pt}` converts 12pt to 12 (stripping the unit).