The \texttt{sttools} collection

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1 Introduction

This is collection of various packages historically placed in a bundle and maintained by Sigitas Tolušis.

2 Usage

- \texttt{cuted.sty, v2.0 2021/10/04} – place some material page width wide at any place on twocolumn page with existing text reformatted under inserted material: \texttt{\preCutedStrip{\ldots}} and \texttt{\postCutedStrip{\ldots}} can be used to add extra stuff before and after the strip;
(2021/10/04): rewrite with new balance algorithm and options.

- \texttt{floatpag.sty, v2.0 2021/10/04} – set pagestyle for floats page;
(2021/10/04): removed latex209 compatibility; added rotated dblfloat support;

- \texttt{flushend.sty, v4.0 2021/10/04} – balance page in twocolumn mode;
(2014/03/03): totally rewritten with new algorithm to support footnotes, top floats and column break before one line section title.
(2014/04/24): bugfix version;
(2015/03/27): bugfix version with improved functionality:
- spreaded or fixed right column height;
- optional old algorithm for backward compatibility;
(2015/04/14): set debug option off by default; keeplastbox modified;
(2016/06/21): bugfix compatibility with luatexja package;
(2017/03/27): bugfix for get@footnoterule@box; options for some checks on/off;
(2020/10/14): bugfix development and test;
(2020/10/16): bugfix version: modern with noautobase;
(2021/10/04): another rewrite with new balance algorithm and options.
Just load any of the provided packages in the standard way: `\usepackage{⟨package⟩}`
or `\RequirePackage{⟨package⟩}`.

To read documentation: `texdoc ⟨package⟩`. 

- **midfloat.sty**, v1.1 2012/05/29 – insert onecolumn stuff in twocolumn page;
  TODO: extend to work on both columns;

- **stabular.sty**, v2.1 2021/10/04 – use modified tabular environment;
  (2014/03/20): removed extra stuff and left only possibility to break on page boundary;
  added tabular variant from array packag;
  (2021/10/04): sync with array bugfix version for tabular.

- **stfloats.sty**, v3.3 2017/03/27 – enable enriched floats output mechanism;
  (2016/06/28): compatibility bugfix with 2015 latexrelease;

- **texsort.sty**, v1.1 2012/05/29 – sort numerical values;
  TODO: extend (rewrite) to support alphnanumerical values for sorting.