The **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

- **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;
  `\preCutedStrip{⟨...⟩}` and `\postCutedStrip{⟨...⟩}` can be used to add extra stuff before and after the strip;
  (2021/10/04): rewrite with new balance algorithm and options.

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

- **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 funcionality:
  - spreaded or fixed right column height;
  - optional old algorithm for backward compatability;
  (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.

- **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;
  (2017/03/27):  compatibility bugfix with 2017-05-01 latexrelease.
  ```

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

Just load any of the provided packages in the standard way: `\usepackage{⟨package⟩}` or `\RequirePackage{⟨package⟩}`.

To read documentation: `texdoc` ⟨*package*⟩.