NAME

List::MoreUtils::Contributing − Gives rough introduction into contributing to List::MoreUtils

DESCRIPTION

List::Moreutils has a turbulent history and a strong approach. Before going further, please step to Open Source Contribution Etiquette <http://tirania.org/blog/archive/2010/Dec-31.html> and then come back.

The current distribution is a balance between finishing the history and claiming for future requirements. Therefore some components will receive a rewrite on purpose − others won't.

For the moment − it's not the primary goal to clean up the configuration stage, until the primary goals and prerequisites are done.

To contribute to List::MoreUtils, one has to arrange with the current situation, dig into details and ask for clarifying when parts are incomprehensible.

Primary Goals

The very first primary goal is to clear the backlog. These are primarily the open issues, feature requests and missing infrastructure elements.

As example see RT#93207 or RT#75672 for missing configure time checks, while RT#93207 radiates until test − but doesn't affect runtime nor installation (beside test failures).

Secondary Goals

Secondary goals are harmonizing the function names and calling convention (see RT#102673), tidying the infrastructure of the distribution and remove unnecessary complexity (while protecting the necessary).

One example of removing unnecessary infrastructure could be to move Data::Tumbler and Test::WriteVariants into authoring mode, when imrpoved test for RT#93207 could be reasonably done by a module which is recommended for test. The recommendation of Graham Knop's Makefile.PL#L82 <https://github.com/haarg/List-MoreUtils/blob/dd877f963deead742fc90005636c72c6be9060fc/Makefile.PL#L82> in PR#9 <https://github.com/perl5-utils/List-MoreUtils/pull/9> a desirable one.

Orientation Guide

List::MoreUtils configuration stage heavily depends on Config::AutoConf and Data::Tumbler. A few prerequisites of both modules aren't available for Perl 5.6 − which leads to a tiny emulation layer t the begin of `Makefile.PL`.

The reason for Config::AutoConf is quite simple − the opportunities for checking the environment cover a much wider range than a simple test whether there is a working compiler. It requires a lot of improvements since it's fundament ExtUtils::CBuilder was never designed to support that kind of solutions − but there is *Work In Progress*. To finally solve issues as RT#75672 even in cross-compile environments − there is no way around such a checking tool.

The reason for Data::Tumbler in combination with Test::WriteVariants are extensible tests with reasonable effort and easy figuring out which extra condition causes failures. Also − missing pre-conditions should result in failing tests i some cases − what is fully supported by the logic behind Data::Tumbler in combination with Test::WriteVariants.

Finally − inc::latest glues the stuff in a bundle together to allow people with older toolchains to use List::MoreUtils out of the box (maybe with reduced quantity but full quality).

SEE ALSO

Config::AutoConf, Data::Tumbler, Test::WriteVariants, ExtUtils::MakeMaker::Extensions

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