The test suite

This suite is a loosely organized collection of small files. Some files are tests that we made during development, some are examples taken (and/or adapted) from the mailing list and mail exchanges. Many of the files show some tricks that are not really meant for daily usage.

If you use these files as a kind of regression test, an exact comparison with previous runs not always makes sense. Some files will differ due to typeset times, or because random content is used. Also some functionality can have been improved or fonts be updated. The `testsuite-info.lua` file provides some information about what files to skip in such a test.

I run this suite occasionally when we have done some fundamental update to CONTEXT or LUATEX. When I'm in a hurry the test is simply running all files and checking if we get an error. Sometimes I do a more extensive test with the `mtx-testsuite` script that can be run as follows:

```
mtxrun --script testsuite --compare --objects \
    --oldname=cld-compare-old  --newname=cld-compare-new  --pattern=**/*.cld
mtxrun --script testsuite --compare --objects \
    --oldname=mkiv-compare-old --newname=mkiv-compare-new --pattern=**/*.mkiv
mtxrun --script testsuite --compare --objects \
    --oldname=mkvi-compare-old --newname=mkvi-compare-new --pattern=**/*.mkvi
mtxrun --script testsuite --compare --objects \
    --oldname=tex-compare-old  --newname=tex-compare-new  --pattern=**/*.tex
```

This is just one way of comparing results and probably not the best one either but it evolved that way. If you have your own test method, it might help to know that you can run CONTEXT in a way that gives (in most cases) comparable PDF files:

```
context --batch --nocompression --nodates --trailerid=1 somefile
```

You can also run `contextjit` but that might fail on extremely large fonts due to limitations in the virtual machine.

Several users run these files as test and report me issues. Feel free to send reports or addenda for the info file. If you observe differences, first make sure that the newer results are okay: after all macros might have been improved.

Hans Hagen
Hasselt NL