

# Customised Packages (version 1.0.6) 18th Nov 2009

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## ABSTRACT

These are packages which have been written for the author's own use, each based on one of the classes predefined.

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## 1 Sample Packages

This section lists what subpackages of each class have been written. They are listed in Table 4 on this page. Although some of these packages are tailored to specific requirements of the author, their code may provide insight into how to write packages of one's own.

Package	Brief description	Reserved prefix
<b>Subpackages of the Booklet class</b>		
Nemtnl	North East Mountain Trust Newsletter	nemtnl-
Annrep	North East Mountain Annual Report	(none)
Amc	Aberdeen Mountaineering Club handbook	amc-
Swtnl	Scottish Wildlife Trust Newsletter	swtnl-
Swtbm	Scottish Wildlife Trust Bookmarks	swtnl-
<b>Subpackages of the Letter class</b>		
Dmwlet	The author's customised letter package	(none)
Nemt	North East Mountain Trust letter	nemtlet-

Table 4

## SubPackages of the Letter Class

## 2 Author's own Letter Package

This is a package to customise the `Letter` class. It is included as an example of how to do this.

The changes are to the banner (draws a border all round the first page), and to the default sender.

The address contains a telephone number by default. To suppress this, or to add the country or email, add the following *just before the inclusion of this package*:

```
.ds Telephone
.ds Country Scotland
.ds Email email dmw@oxytropis.plus.com
```

## 3 NEMT letter package

This package redefines and augments the letter class for use by NEMT. The banner heading is redefined to include the logo and name. If the string `DraftMode` is defined, a lower-resolution version of the NEMT logo is used (saving on time and disk space).

### SubPackages of the Booklet Class

## 4 AMC Handbook Package

This package is a sub-package of the *Booklet* class, intended for formatting the Aberdeen Mountaineering Club annual handbook. It uses A5 paper and redefines headers and footers. As the style varies from one year to the next, the point size is left to the user's discretion.

### 4.1 Commands

`.TableOfContents [ [ ps ] vs ]`

This command is redefined to print the contents at the bottom of the page. It is assumed that it will take less than a page. The pointsize and spacing can be altered by giving the optional `ps` and `vs` arguments.

`.MajorHeading [ -c ] ...`

`.MinorHeading [ -c ] ...`

`.MiniHeading [ -c ] ...`

These commands are the same as `.HeadingC`, `.SubHeading` and `.SubSubHeading` respectively, but if the option argument `-c` is given then the heading is placed in the table of contents.

`.Place place [ mod [ - ] ]`

This reads in a description of a meet venue from a database, and numbers the description in sequence. The description is in a file called `place.dat` in the database directory. If `mod` is specified, it is tagged to the number, and if the last argument is `-` the number is not advanced for the next item (so as to have, for example, 7a and 7b).

`.NM [ n ]`

This is used to separate names in a name-address list formatted by *tbl*. The optional argument `n` is the (integral) number of lines in the address; it defaults to 2. The inter-name spacing is in the register `amc-listsep` and can be adjusted; its default value is 0. This command is supplied to help avoid breaking table entries (e.g. in multiline name and address lists) from being split across pages.

## 4.2 Strings defined

`amc-place-dir`

Directory containing places database.

`amc-loc-hol`

A symbol (\*) used to mark holiday weekends in a meet list.

`amc-hand`

A pointing hand (☞), used to highlight items in a list.

`Amc`

Aberdeen Mountaineering Club acronym.

`W` The word *work* used in telephone numbers.

`X` The word *ext* used in phone number extensions.

`amc-test`

Set this number register if testing a single section of the handbook.

## 5 The NEMT newsletter package

The package is a package of the “Booklet” class, and supplies customised features for preparing the North East Mountain Trust Newsletter. In its initial release, it attempts to achieve nearly identical results with the previous newsletter command package. Historically it is interesting to note that the -markup system is based on the previous NEMT newsletter package, which in turn was originally based on the *Aberdeen Mountaineering Club* annual handbook package; these packages evolved side-by-side in different directions.

The basic -markup parameters have been changed in several ways:

- Various dimensions have been altered, to conform with previous editions. Some of these may in time revert to the new dimensions.
- The previous command `.ArticleHeading` is now almost synonymous with `Heading`, but an initial argument of `-n` will inhibit the title from going in the contents, and the use of `-c` centres the heading. Indeed any of the `.heading*` commands may be substituted for an individual article. The style of printing has been changed.
- Customised page headers and footers have been used.

The basic style is a5 paper in 10 point.

`.SetIssue year num absnum season`

This is used in the preamble to set an “issue”, for example “1998 2 41 Spring”. This denotes the second “Spring” issue of 1998, numbered 41 from the very first newsletter. This is used in various places.

`.BeginFreeForm`

`.EndFreeForm`

surround a segment of text which can be set in any way without disturbing the general document style. Initially on each invocation it starts with the initial document parameters.

This will probably be merged with other environments and moved elsewhere. *Note:* These were originally called `{Begin|End}Display` until the display package was written.

`.BlockStart [ indent ]`

This starts a block of text indented equally on the right and left by the distance `indent`.

**.BlockEnd**

terminates the indented text.

These commands are temporary for backward compatibility, and future documents should use `.RS/.RE`.

**.CutLine**

This produces a scissors cut indication in the right margin. It ought to be elsewhere and have other versions (should be in The as yet unwritten Forms .pkg).

**5.1 Running headers**

The names in the table on this page are predefined arguments to the `.RunningHeader` command, and generate the text in the right-hand column, but typeset in a fancy style.

<b>String</b>	<b>Resulting text</b>
MountainViews	Mountain Views
TrustNews	Trust News
TrustViews	Trust Views
TrustAction	Trust Action
TrustLectures	Trust Lectures
TrustSaga	Trust Saga
TrustReport	Trust Report
Editorial	Editorial
Feature	Feature
Membership	Membership
Review	Review
MemberClubs	Member Clubs
Directory	Clubs Directory
Letter	Letter
Letters	Letters

**Nemt running headers****6 NEMT Annual Reports**

This is a sub-package of the `Booklet` class, and is used for producing the NEMT Annual Report.

**6.1 Commands****.Author name**

Appended after an article puts in name as the author of the article (this is different from the `.Author` command in the `Article` package).

**.Lecture date author title1 [ title2 ]**

Starts description of a lecture with the and author (on left and right), with the lecture title (one or two lines) centred underneath.

**.LB text**

Sets the text in bold (followed by a period) at the start of a paragraph. Similar to `.IP`, but no indentation.

**..so file**

This does nothing, but is useful for including a file or not: remove the initial dot to include.

## 7 The SWT Newsletter package

This is an adaptation of the NEMT newsletter package for doing the local Aberdeenshire newsletter of the Scottish Wildlife Trust.

`.SetIssue year num absnum season`

This is used in the preamble to set an “issue”, for example “1998 2 41 Spring”. This denotes the second “Spring” issue of 1998, numbered 41 from the very first newsletter. This is used in various places. The SWT version does not use the `absnum` argument.

## 8 The SWT bookmarks package

The package is a package of the “Booklet” class, and supplies customised features for preparing the Scottish Wildlife Trust “bookmarks”, which contain the winter programme of lectures, or the summer program of field trips.

### 8.1 User Interface

The body of the document looks like this:

```
.Setup year mode season meetings ...
.Contact name phone
...
.Page 1
.Page 2
```

`.Setup mode season meetings ...`

This is obligatory.

`mode` is either `draft`, to produce boxes instead of images — useful for testing — or `-` to use images (bigger files, slower previewing).

`season` is either `winter` or `summer`.

`meetings` is a list of meeting names, for example

```
May June July Aug Sept Oct
```

For each the user has to define a macro (e.g.) `.swtbm-May`. This is described below.

`.Contact name phone`

This appends to a list of people to contact for further information. There may be several of them.

`.Page number`

The number can be 1 or 2, to generate the front or the back (or either if just testing one side).

### 8.2 Defining meetings

As explained in the description of `.Setup`, the user has to choose a name for each meeting (it can be anything), and then define a corresponding macro. For example if the meeting is called `June` then the macro `.swtbm-June` must be defined. There are commands to assist in the formatting of the items in this macro.

**.MeetSpace dist**

If this is called, `dist` is used as the preceding space instead of the default spacing.

**.Date dayname daynum month [ start-time [ -- finish-time ] ]**

This prints the date and (if given the times). The winter meetings are on a fixed day, so the day name is omitted in winter. Example:

```
.Date Sat 18th May, 10am -- "c. 4pm"
```

**.Subject arg1 [ arg2 ]**

This has the subject of the talk or outing. It is placed in quotes, and each argument is on a separate line.

**.With name1 [ name2 ]**

Gives the name(s) of the person(s) speaking at a talk or leading an outing.

**.Meet arg1 [ arg2 ]**

Describes the place for the meeting, in up to 2 lines.

**.MapRef map letters grid-ref**

Gives the map and reference for the meeting place.

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