1 some section

2 special section on packages

Here we describe packages AP 1 to AP 3. This will be presented in packages AP 1 and AP 2 and finally in AP 3 we describe ...

Preferably this should look like this:

Here we describe package AP 1 to AP 3. This will be presented in packages AP 1 and AP 2 and finally in package AP 3 we describe ...

but currently it looks like this:

Here we describe package AP 2.1 to AP 2.3. This will be presented in packages AP 2.1 and AP 2.2 and finally in package AP 2.3 we describe ...

2.1 AP 1: first

bla bla bla Here we describe ... which will be used in packages AP 2 and AP 3. ...

2.2 AP 2: second

bla bla bla we described in AP 1. Follow in AP 3.
ap counter is 2 or 2.
subsection counter is 2 and “thesection” is 2.2.

2.3 AP 3: three

bla bla bla we described in packages AP 2 and AP 3 but look at 2.3.

Appendix

The table of contents is fine as is

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2.1 AP 1: first 1
2.2 AP 2: second 1
2.3 AP 3: three 1