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SUBJECT: Protection of branch information

Directory control does not currently respect the ring brackets part of a user's access to segments when changing certain attributes of a segment. In particular, the name of a segment can be changed from any ring as long as the user has write permit to the directory. If this were changed the name of a segment could be used to specify what type of segment it was. For example, message segments could have a primary name with the suffix ".mess".

Attributes which could and should be protected in this way might be:

names

bit count

author (privileged)

dates

copy switch

Comments are requested.