

Create labels on the fly using macros (in ca65)

This was written by RadiantX on [CSDb](#), and put on Codebase by me (FTC).

It is a description of how to create labels on the fly in the ca65 assembler by using macros. In this particular example, the labels are generated using a repeat counter in a loop. The macro that is used goes like this:

```
.macro makeident lname, count
    .ident(.concat(lname,.sprintf("%d", count))):
.endmacro
```

Using a macro like this it's possible to create labels using a repeat counter.

```
.repeat $100, I
    makeident "foo", I
    lda $1000 + I
    sta $2000 + I
.endrepeat
```

This produces the following code:

```
foo0:
    lda $1000
    sta $2000
foo1:
    lda $1001
    sta $2001
foo2:
    [...]
```

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