

# 14.7 Anhang

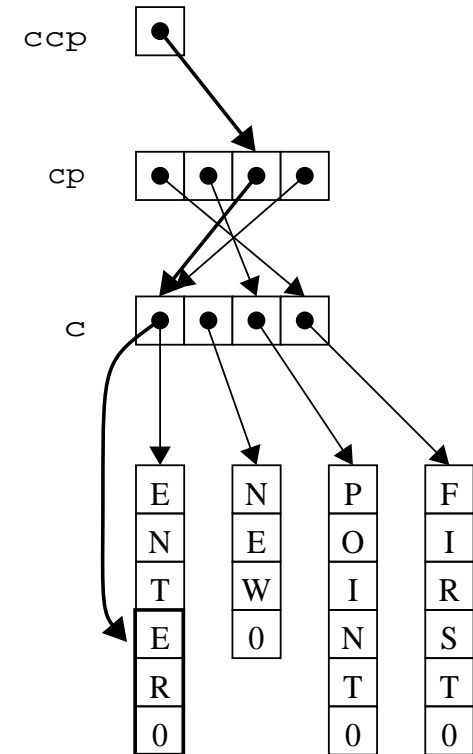
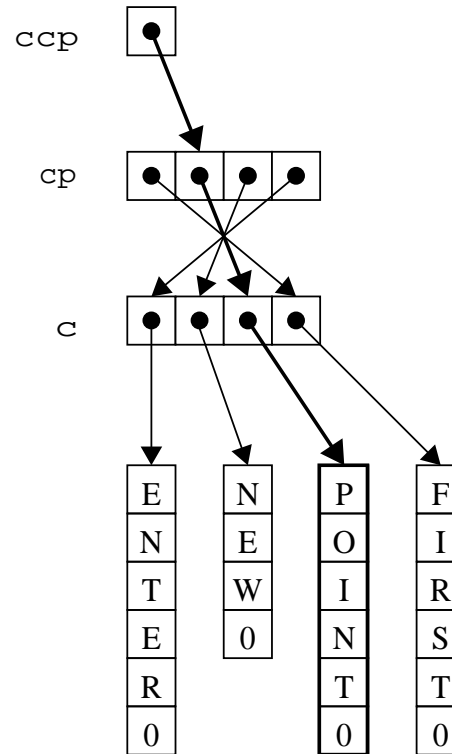
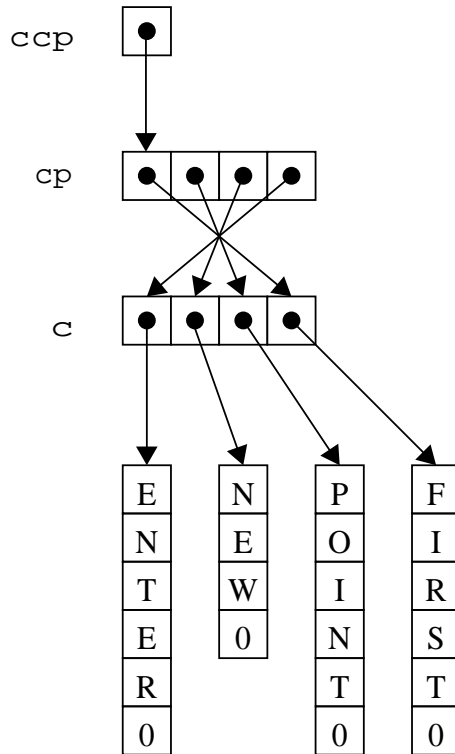
- ◆ Aufgabe: Bitte versuchen Sie sich mit einer Datenstrukturskizze klarzumachen was passiert:

```
/* testpointer2.c */
/* keine Programmier-Stil-Empfehlung! */
main()
{
    int i;
    char *c[] = { "ENTER", "NEW", "POINT", "FIRST" };
    char **cp[4];
    char ***cpp = cp;
    for (i=0; i< 4; i++)
        cp[i] = c + 3 -i;

    printf("%s", **++cpp);
    printf("%s", *--*++cpp + 3);
    printf("%s", *cpp[-2]+3 );
    printf("%s\n", cpp[-1][-1]+1);
}
```

# 14.7.1 Lösungen

## POINTERSTEW - Lösung



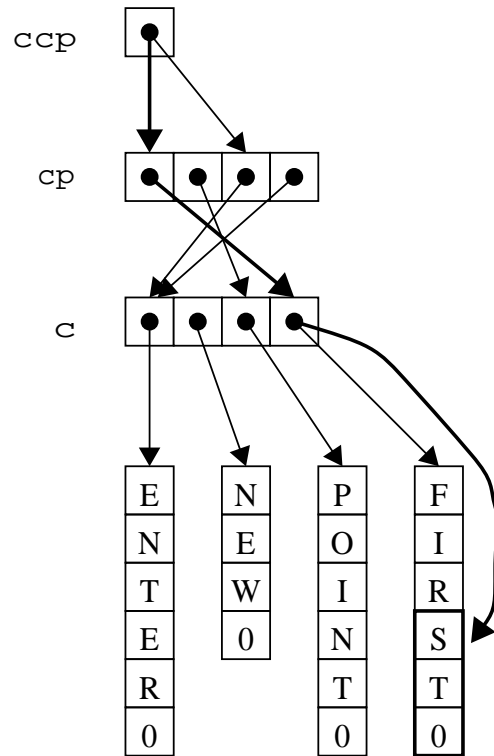
```
char *[] = {...};  
char **[] = {c+3, ..., c};  
char ***cpp = cp;
```

`*(*(++cpp))`

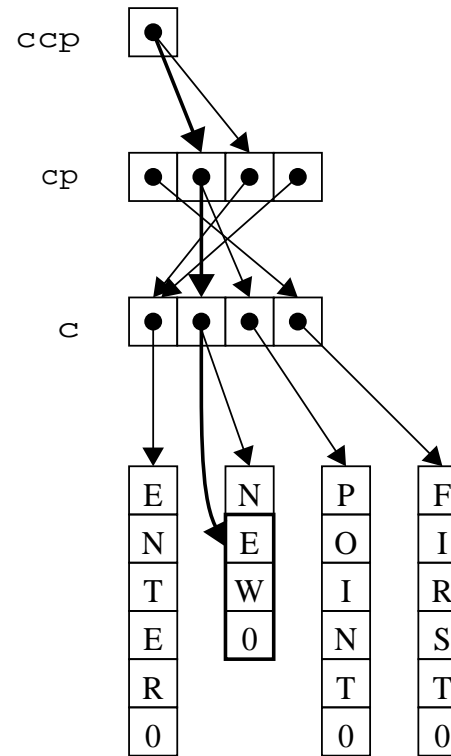
`(*(--(*(++cpp)))) + 3`

# 14.7.1 Lösungen

## POINTERSTEW - Lösung



$(*c++[-2]) + 3$



$((c++[-1])[-1]) + 1$