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The parameters for char n-gram lm:

Hidden dim = 100
Batch size =128
Num epochs = 50
Learning rate = 1e-3
Weight decay = 1e-5

Context size = 20

Embedding dim = 40
sample prefix = "The "

We used the basic window tagger model, the window, unlike the previous tasks, looked at the previous letters (and not around), in order to predict the next letter.

We tried different window sizes to identify the best, the most logical sentences were obtained by a window of size 20.

Examples:

Sample 1:
The good as upon the very heave,
For we, for ovely butch heash
to the comes! in the quite, her me, atay.

Sample 2:
The har, wherest me'er grace;
Yie, my play thine?
If thly still joy suspicy Mysspest-plazoly lake, Bleag

Sample 3:
The murdering hop'd thereh:
Let will no his very should my alot? Now I make
We are his even he Nencured

Sample 4:
The be,
Like the fairweather homests scrim?

CORIOLANUS:
Besauchmy old doth a will nows seem cruely
Womest

Sample 5:
The safe woman
Deans, no Romeo do moury, I seral rustings.
How a stay hivs in many's-day elong.

JULIET:

Sample 6:
The beseen as mutter live beys neavy not;
O, my to winteenty your his courtain, son his
'f all'd woeld o

Sample 7:
The read he excker of
that will in the to still,
When hereable from obey?

Nurse:
It is slike:

GLOUCEST

Sample 8:
The respon to Clarence,
For given him; and yeels the fare I seen Losh Smoot with thers,
Do prink my beat

Sample 9:
The lrow?

BONTES:
I housemal, my lord husband,
Prother with or'etisain that fire.

CLIFFORD:
Why, scarn

Sample 10:
The veet now not buse;
And bastl your toysends a koo, what the gland'st.

EDWARD:
Why, deachelds to Rome