

Proofing Tools: Context-sensitive spelling correction

Goal

- You will be implementing advanced tools for spelling correction
- At its most basic, a traditional **spell checker**
 - Reports any *unrecognized* words to the user, along with suggested corrections
 - For some languages, a simple word list suffices
 - For other languages, need a dictionary and rules for word formation
 - e.g. jump/V => jump, jumps, jumped, jumping
- But we want more than this!

ODE TO A SPELL CHECKER

by Jerrold H Zar

Eye halve a spelling check her,
It came with my pea sea.
It plane lee marks four my revue
Miss steaks aye kin knot sea.

Eye ran this poem threw it,
Your sure reel glad two no.
Its vary polished in it's weigh,
My checker tolled me sew.

A check her is a bless sing;
It freeze yew lodes of thyme.
It helps me right awl stiles two reed,
And aides me when aye rime.

Each frays come posed up on my screen,
Eye trussed too bee a joule;
The checker pours o'er every word
To cheque sum spelling rule.

Bee fore wee rote with checkers
Hour spelling was inn deck line,
Butt now when wee dew have a laps,
Wee are knot maid too wine.

Butt now bee cause my spelling
Is checked with such grate flare,
There are know faults with in my cite,
Of nun eye am a wear.

Now spelling does knot phase me,
It does knot bring a tier;
My pay purrs awl due glad den
With wrapped words fare as hear.

To rite with care is quite a feet
Of witch won should be proud;
And we mussed dew the best wee can
Sew flaws are knot aloud.

That's why eye brake in two averse
Cuz eye dew want too please.
Sow glad eye yam that aye did bye
This soft wear four pea seas.

Hello

Gail Scannell (gmail.com)

Hello

What will wee make for dinner tonight?

we 

Basic requirements

- Primary application should be a simple web-based plain text editor
- Portable across browsers, mobile and desktop
- Must report all spelling errors, including “real word” errors
- Must provide a ranked list of suggestions for replacement
- Must support multiple languages (more on this later)
- Design should allow your advanced spelling correction to also be easily incorporated into the customer’s existing applications and devices