



LanguageTool

Your writing assistant

The screenshot displays the LanguageTool web interface. At the top left, there is a settings gear icon and the LanguageTool logo. A dropdown menu shows 'Permanent Text'. The main text area contains the sentence 'LanguageTool helps you right better.', where 'right' is underlined in red. A spelling suggestion box is open, showing a red dot next to the word 'Spelling', followed by the text 'Possible word confusion found' and a blue button labeled 'write'. On the right side, a 'Text score' section shows a score of 80 with a progress bar. Below it, a 'Picky mode' toggle is turned off. A 'Suggestions' section is also visible, showing a red dot next to 'Spelling' and the text 'Possible word confusion found', with a blue button labeled 'write' and a link for 'Show more info'.

We help people to become **better**,
more effective,
and **more confident** writers.

A lot of money is getting spend by me these days.

I'm going tell Peter about this.

I work here since 2002.

Its a impressively versatile tool especially if you'd like to tell a colleague about what happened at 5 PM in the afternoon on Monday, 27 May 2007.

|

A lot of money is getting spend by me these days.

I'm going tell Peter about this.

I work here since 2002.

Its a impressively versatile tool especially if you'd like to tell a colleague about what happened at 5 PM in the afternoon on Monday, 27 May 2007.

Monday, | 27 May 2007.

● **Grammatik**



The date 27 May 2007 is not a Monday, but a Sunday.



Diese Regel überall deaktivieren

In diesem Text ignorieren



LanguageTool **Basic**

LanguageTool: Your multilingual writing assistant



Improve your writing in 20+ languages

Instantly check and correct spelling, grammar, and style in German, English, French, Spanish, Dutch, and many more



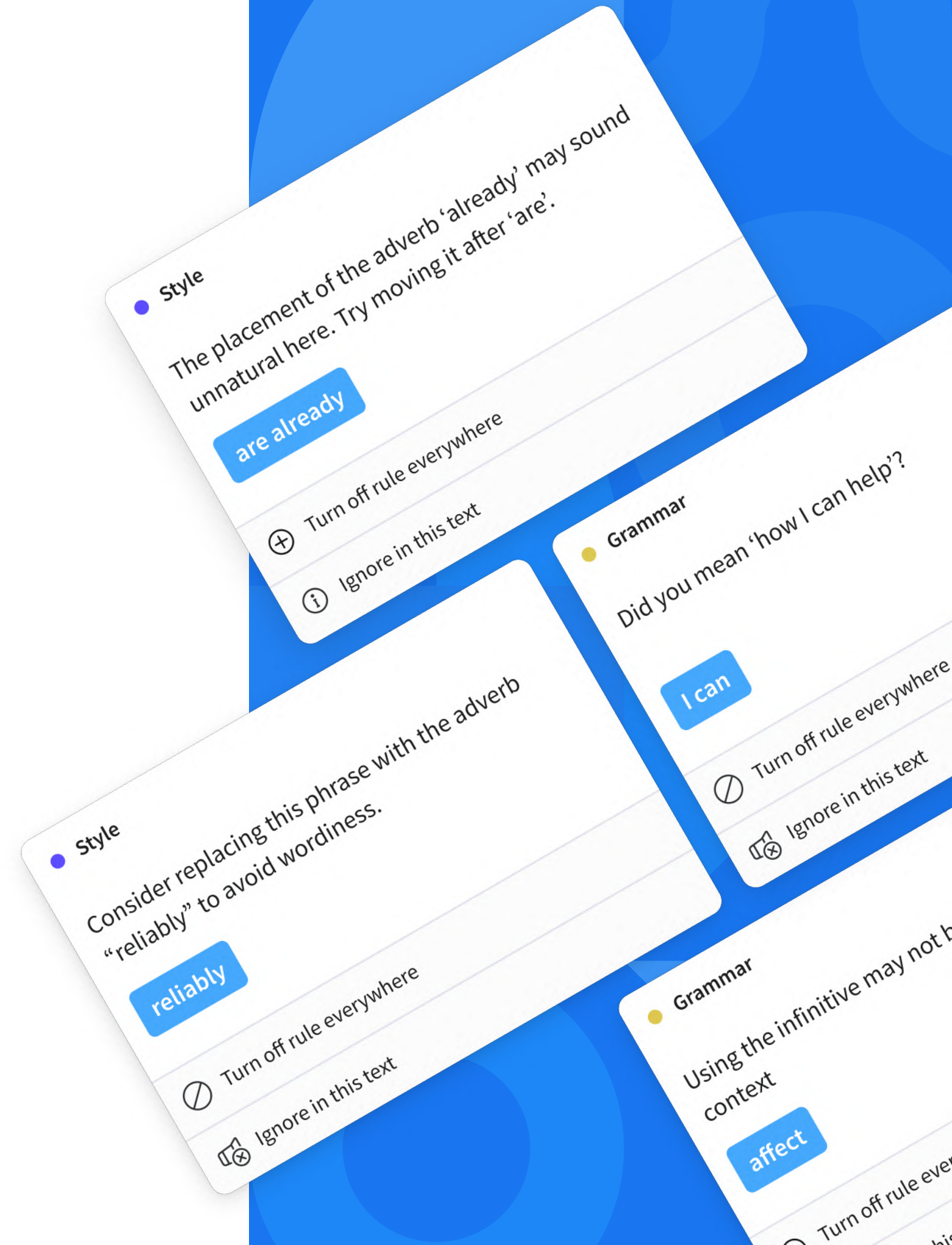
Build more productive teams

Company-wide writing rules, e.g., to avoid outdated product names in customer communication



Use it anywhere

Browser plugins and apps for iOS, Mac, Linux, Windows



Product 🚀

Our products help our users to write better every day

One day at LanguageTool



25M

Checked texts



12M

Mistakes corrected



35%

Advanced suggestions
are AI-based

LanguageTool - The Company

- 25 employees from 6 countries
- founded 2017 in Potsdam
- offices in Potsdam and Hamburg

How does it work?

Manually written error detection rules (XML, SpaCy)

```
'''Patterns'''
Pattern1 = {
    TOKEN_ABSTRACTIONS: {
        "verb": {"POS": {"IN": ['VERB', 'AUX']}},
        "verb_pronoun": {RELATION: ">",
            "DEP": {"IN": ['da']},
            "LOWER": {"IN": ['mich', 'dich', 'ihn']} },
    },
    UNDERLINE: ["pronoun"],
    EXAMPLES: [
        "Dieser Vertrauensschutz ist __mich__ sehr wichtig",
        ["mir"],
        "Wenn ich zu Hause bin, dann fehlt __mich__ die Arbeit an Bord.",
        ["mir"],
        "Die Entwicklung der Liga bereitet __mich__ Sorge, sagte er",
        ["mir"],
    ],
}
```

How does it work? - AI

Current products:

- Multi-headed transformer to predict edit operations
 - Shared transformer encoder (deep language model)
 - Independent heads (task-specific architectures)
- Small task-specific models that are trained end-to-end

Current research:

- Re-writing, e.g. transform informal sentences to formal sentences
- General approach to grammatical error correction (one model for all error types)

Open Jobs at LanguageTool

- Team Lead Linguistics (ES/PT/FR)
- Language Manager DE/EN + Romance languages
- Data scientist / AI developer
- DevOps Engineer
- Frontend Engineer
- Senior Swift Developer macOS

Our customers 

DER SPIEGEL

dpa • • •

 **Fraunhofer**
SIT

DIE  ZEIT




Thank you.

We are very happy to be at KONVENS 2022.

● Improve your tonality ×

As an alternative to the over-used intensifier 'very', consider replacing this phrase.

pleased **thrilled** **delighted**

 LanguageTool **Premium**

Visit us at
LanguageTool.org