

# Unicode Support in Trac

## Error: Macro TracGuideToc(None) failed

```
'NoneType' object has no attribute 'find'
```

Trac encodes all text using UTF-8, including text in tickets and wiki pages. Internal processing of text uses true Unicode representations. As such, it supports the most commonly used character encodings.

If the default encoding of your source code repository is not UTF-8, you can specify it in [trac] default\_charset:

```
default_charset = gbk
```

Ensure that your database stores its data in UTF-8, otherwise results may be unpredictable.

To convert your database to UTF-8, the easiest way is to create a dump of the database, convert it into UTF-8, for example using iconv, and then re-import it.

## Examples

### Arabic

???? ???? ???? ?? ??????? ?????????? ??? UTF-8? ??? ?? ??? ??????? ?????????? ?? ????? ?????? ???????.

### Bulgarian

???????????? ???? ?????? ???

### esky

Čeština v kódování UTF-8, žádný problém.

### Chinese

Traditional: 中文, 中文

Simplified: 中文, 中文

### Croatian

Ako podržava srpski i slovenski mora podržavati i Hrvatski - ????? ?????.

### English

Yes indeed, Trac supports English. Fully.

## Français

Il est possible d'écrire en Français : à, ç, û.

## German

Trac-Wiki muß auch deutsche Umlaute richtig anzeigen: ö, ä, ü, Ä, Ö, Ü; und das scharfe ß.

## Greek

?? ?????? ?????????????? ?????? ??????

## Hebrew

?? ??? ?????? ?????? ?? ?? ??? ??

## Hindi

?? ?????? ????

## Hungarian

Árvíztr? tükörfúrógép.

## Icelandic

Ævar sagði við ömmu sína: Sjáðu hvað ég er stór!

## Japanese

?? ??? ?????? ??????

## Korean

???? ?? ??????. ? ????? ??.

## Latvian

Latvie?u valoda ar? str?d?!

## Lithuanian

Sudalyvaukime ir mes. Ar veikia lietuvi?kos raid?s? ?????????? ?????????? ?inoma, kad veikia. Kas tie mes?



## Urdu

???? ???? ? ???? ???? ??

## Vietnamese

Vi?t ti?ng Vi?t c?ng ???c.