Indic-English translation

IndicTrans

- IndicTrans is a multilingual NMT model
- It can translate Indic-Indic, Indic-English and English-Indic
- Supports 11 Indian languages

Assamese (as)	Hindi (hi)	Marathi (mr)	Tamil (ta)
Bengali (bn)	Kannada (kn)	Odia (or)	Telugu (te)
Gujarati (gu)	Malayalam (ml)	Punjabi (pa)	

- Trained on Samanantar dataset, largest publicly available parallel corpora for Indian Languages.

Examples for Indic-English, English-Indic and Indic-Indic translation

Indic-English

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in Source Language

सभी को नमस्कार

Translated text in English   15.5s

Hi everyone

Select Source Language

Hindi ⌄

Clear   Submit

Original repository can be found here

view the api 🔧 • built with gradio

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in Source Language

ಎಲ್ಲರಿಗೂ ನಮಸ್ಕಾರ

Select Source Language

Kannada ⌄

Translated text in English   8.0s

Hi everyone

Clear   Submit

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English-Indic

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in English

How are you?

Translated text in Target Language   18.2s

எப்படி இருக்கிறீர்கள்?

Select Target Language

Tamil ⌄

Clear   Submit

Original repository can be found here

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in English

How are you?

Select Target Language

Bengali ⌄

Clear

Submit

Translated text in Target Language   16.5s

কেমন আছেন?

Original repository can be found here

Indic-Indic

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in Source Language

आज बहुत ठंड है

Translated text in English

ಇಂದು ತುಂಬಾ ಚಳಿ ಇದೆ.

Select Source Language

Hindi

Select Target Language

Kannada

Clear

Submit

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Shortcomings?

Wrong language code

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu

Enter Text in Source Language

ನಾವು R103 ನಲ್ಲಿದ್ದೇವೆ

Select Source Language

Gujarati ∨

| Clear | Submit |

Translated text in English   12.3s

R103 talukas

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Different script

IndicTrans NMT System

Currently the model supports Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu
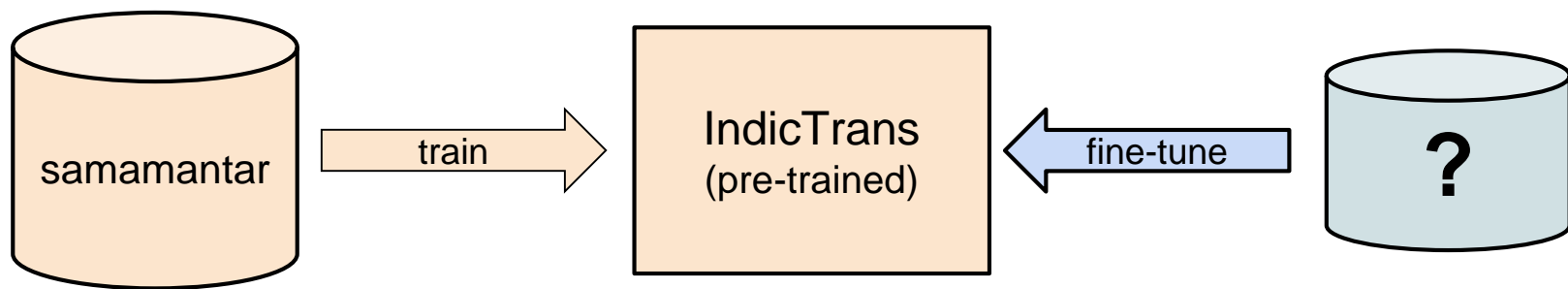
Enter Text in Source Language

Bahut accha

Translated text in English   10.2s

Bahut acca

Select Source Language

Hindi ⌄

Clear	Submit

Original repository can be found here

view the api 🔧 • built with gradio 🧊

Transliteration

- **Translation** : meaning of a given text is rendered from one language to another.

  how are you -> आप कैसे हैं

- **Transliteration** : conversion of text from one script to another

  how are you -> हौ आर यू

colab_notebook

Useful links

[1] IndicTrans (translation)

[2] Samanantar

[3] indic-trans (transliteration)

[4] DakshinaDataset