

Foreign Script Support

Demo on fonts fallback support

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Abstract

TeXSmith can render documents in multiple languages and scripts, including those with complex typesetting requirements. Below are examples of various languages and scripts supported by TeXSmith, showcasing its versatility in handling diverse linguistic content.

Japanese (日本語)

Japanese is the national language of Japan and is spoken by over 125 million people, primarily within the country.

月日は の にして 行きかふも なり
舟にり 馬にりて 初秋のに かれつつ
道のべの をけ 山川をえて

Korean (한국어)

Korean is spoken by about 80 million people worldwide and is the official language of both South Korea and North Korea.

이 몸이 죽고 죽어 일백 번 고쳐 죽어
백골이 진토되어 넋이라도 있고 없고
임 향한 일편단심이야 가실 줄이 있으랴

Syriac is an ancient Aramaic language historically used in the Middle East, especially in

Christian liturgical and literary traditions.

መስቀል በመለከት የጊዜ ስምምነት ይፈጸማል. የመስቀል ተደርጓል. የመስቀል ተደርጓል. የመስቀል ተደርጓል. የመስቀል ተደርጓል.

Greek (ελληνικά)

Greek is the official language of Greece and Cyprus and is spoken by roughly 13 million people, with a literary tradition dating back more than three millennia.

Άντρα, Μούσα, πες μου τον πολυμήχανο, που πάρα πολλά ταλαιπωρήθηκε, αφού κατέστρεψε την ιερή πολιτεία της Τροίας .

και είδε τις πόλεις πολλών ανθρώπων και γυνώρισε τον τρόπο τους, και πολλές λύπες ἐπαθε στη θάλασσα μέσα στην καρδιά του,

προσπαθώντας να σώσει και τη δική του ζωή και την επιστροφή των συντρόφων του.

Chinese Trad. (繁體中文)

Traditional Chinese characters are used mainly in Taiwan, Hong Kong, and Macau by tens of millions of speakers of Mandarin, Cantonese, and other Sinitic languages.

少无适俗韵， 误落尘网中， 羁鸟恋旧林，
开荒南野际， 久在樊笼里，

Arabic

Arabic is spoken by over 400 million people across the Middle East and North Africa and serves as the liturgical language of Islam.

وَقَنْزِيلْ حَبِيبٌ ذَكْرِي مِنْ تَلْكَ قَفَا
مَهْوُفِلْ الدَّخُولَ بَيْنَ الْلَّوْيِ سِقْطَ
رَسْمَهَا يَعْفُ لَمْ فَالْقَرَأَةَ فَتُوْضَعِ
وَشَعْمَالْ جَنْوِبٍ مِنْ نَسْجَتَهَا لِمَا
عَرَصَاتِهَا فِي الْأَرْأَمْ بَغْرَ تَرِى
مَلْفُلْ دُبْ كَانْتَهُ وَقَيْعَانَهَا

Devanagari (देवनागरी)

The Devanagari script is used for several major South Asian languages, including Hindi, Marathi, and Sanskrit, representing over 600 million speakers combined.

न जायते मित्रते वा कदाचिन्
नायं भूत्वा भविता वा न भूयः
अजो नित्यः शाश्वतोऽयं पुराणो
न हन्यते हन्यमाने शरीरे

Urdu (اردو)

Urdu is spoken by more than 170 million people, mainly in Pakistan and India, and serves as Pakistan's national language.

کے آفتِ میری ایک عاشق
کے جاتی ہی دُوب کر لے کو دل
جائے انہتی لبر کی درد
پیس جاتے ہی بے ساتھ بھی اشک

Sinhala (සිංහල)

Sinhala is the primary language of Sri Lanka and is spoken by about 17 million native speakers.

සඳ එළිය පුරා රය නිල් සිලුවෙන් හැකේවිලා
සඳහනෙකු මෙන් සිත් තුළ හබක් වී පාවකි।
සිහිනෙත් පාරවල් භරහා ලංචිය මල් සුවඳක්
සරත් රැයේ සුම්සේලින් මනමේ තනුවේ රදී.

Khmer (ខ្មែរ)

Khmer is the official language of Cambodia and is spoken by more than 16 million people.

យេបសូប់ត្រូង ព្រៃសពន់ស្ស សីងសុងតាមស្របមេដី
ឱសសុលីស មកពីភ្នំថ្មីយ ប៉ែមកដល់ចិត្តឱយឆ្លាយណា សូសត្វបសី
លេបលាក់តាមស៊ីន សីនផ្លាយឱកវត្ថិរោលច។

Telugu (తెలుగు)

Telugu is a major Dravidian language of India, spoken by over 80 million people, primarily in the states of Andhra Pradesh and Telangana.

నన్నయ భట్టుని వాక్కులు నదీవేగమువలె ప్రవహించి
పాండవ కథామృతము లోకమును నింపెను।
ధర్మమునకు మార్గదర్శి పాండవుని గాథలతో
తెలుగు భాషకు తొలిమకుటం కీర్తి ప్రసరించెనె.

Georgian (ქართული)

Georgian is the official language of Georgia, with around 4-5 million speakers, and is the largest member of the Kartvelian language family.

ქართული ენა კავკასიონის მთებს შორის
დაბადებული ძველი ხმავია. ქრონიკებში,
ხელნაწერებში දა ხალხურ სიმღერებში ეს ენა
ხალხის ისტორიას მოჰყვება. თბილისის ქუჩის
საუბრიდან სოფლის სუფრის ტოსტებამდე,
ქართული სიტყვები მეგობრობისა და
სტუმართმოყვარეობის სულს ატარებს.

Armenian (Հայերեն)

Armenian is the official language of Armenia and a key language of the global Armenian diaspora, spoken by roughly 6–7 million people.

Հայերենը միայն պետական լեզու չէ՝ այլ նաև հոգեւոր հիշողության տանող ուղի է:

Դարերի ընթացքում գրված տարեգրությունները՝ սաղմոսները եւ ժողովրդական երգերը՝

այս լեզվով են պահպանել ժողովրդի ուրախությունն ու ցավը:

Russian (русский)

Russian is an East Slavic language spoken by about 258 million people worldwide and is an official language in Russia, Belarus, Kazakhstan, and Kyrgyzstan.

Мой дядя самых честных правил,
когда не в шутку занемог,
он уважать себя заставил
и лучше выдумать не мог.

Hebrew (עברית)

Hebrew is a Semitic language spoken by over 9 million people worldwide and is the official language of Israel.

הַלְלוּ יְהוָה כָּל חַדְשָׁתֶךָ אָז הַעֲתָה שִׁפְטוֹת עַל חַוָּמֶן אָז הַלְלוּ יְהוָה כָּל יְמֵינוּ.

Thai (ไทย)

Thai is the national language of Thailand and is spoken by more than 60 million people.

ສາຍລາບພັດໝາເປົ່າຫຼັກສີຍົງຮັບວັດ
ກອົນບອກໄປ້ໂຫຍາກກັບເສີຍງະບັນວັດ
ກັວໃຈຄົດຄົງຮອຍຍື່ນແລະຄໍາກົກກາຍອບອຸນຂອງຜູ້ຄົນ.

Bengali (বাংলা)

Bengali is spoken by over 250 million people, mainly in Bangladesh and the Indian state of West Bengal.

এই নদী মাঠ আর গাছের ছায়া
মানুষের হাসি আর শোকের গান
সব মিলিয়ে বাংলা ভাষা ছদয়ে রাখে প্রাণের গন্ধ।

Tibetan

藏語
藏文
西藏語
藏文詩歌

Tamil (தமிழ்)

கற்றின் மணம் நன்றாவரங் பட்டின் சளால்
மனதில் நிற்கக் கூடாது வாய்மை
மரபின் இனிமை.

Amharic (አማርኛ)

Amharic is a Semitic language spoken mainly in Ethiopia.

አማርኛ በኢትዮጵያ የወንገሥት ነገሮች እና የጊዜ በስራው መገኘት
ኩ::
መአሙድኩ:: ታክክለኛ እና የወሰኑ ተስለት ተወላደች ቅለት ወስጥ
ይሁዳ ተገኘ የአዲስአበባ የሚገልጻ::

Burmese (မြန်မာ)

Burmese is the official language of Myanmar and over 40 million total speakers use it.

မြန်မာဘာသာတိ ရွှေအခေတ်ပပင် မိမန်၊
ရာဇ်ဝင်စာအုပ်တွေထဲက ဖျာဒိတ်စန္ဒာတူ
ဆက်ခံလာကြတယ်။