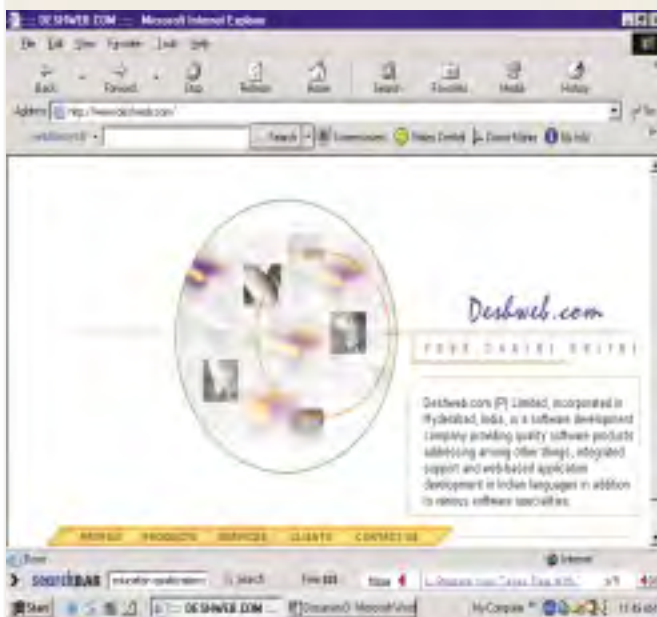


4.9 Deshweb.com Private Limited

Introduction

Deshweb is a software development company established with a vision of providing quality software products addressing among other things, integrated support and web-based application development in Indian languages in addition to various software specialities. We also provide our technical expertise as services for customers needing help in these areas.



The company Deshweb.com Pvt., Ltd. is based in Hyderabad with a significant presence in the United States of America and clients in several countries. we have significant experience and expertise in these areas and our first venture return2India.com is a resounding success story that serves as a testimonial to our commitment, interests and skills.

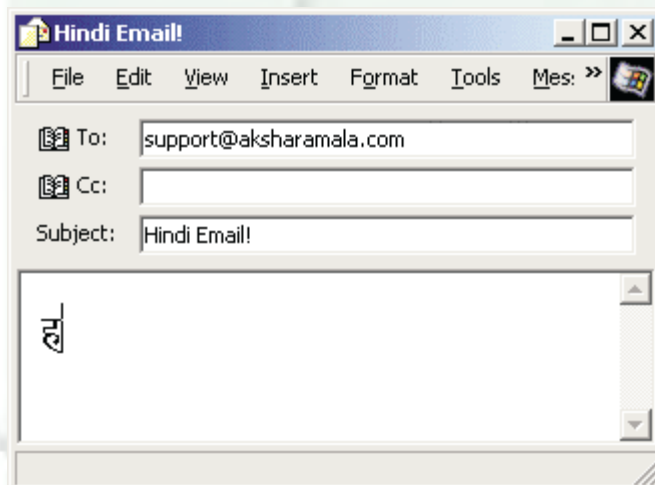
Products:

Aksharamala Editions: -A Method Solutions for Indian Languages



What is Aksharmala:

Aksharamala is a standards-based software tool that facilitates inputting content in Indian languages. While enabled, Aksharamala automatically transliterates the English characters you type to a target Indian Language in the application of focus Aksharamala works as a conduit between the keyboard and the target application and does not have an UI of its own. It is very flexible in that you can change the target language, the input scheme from the tray app with the use of a hotkey. It supports the popular ITRANS transliteration scheme and several keyboard layouts such as DOE.



Features:

- On-the-fly conversion of ASCII text written in ITRANS (or any supported input scheme) to target encoding.
- Support for ASCII-based Proprietary fonts. This enables inputting text in applications which are not Unicode-compliant. For example, Aksharamala can be used in Yahoo messenger that does not support Unicode.
- Support of switching between English and Devanagari input using the Hotkey or a special ASCII sequence (such as '##').
- Support for adding additional languages or input schemes (as they become available) without updating the software.



- Support for multiple keyboard layouts (DOE, INSCRIPT etc.)
- Support for “revers-literation” schemes - This allows easy conversion of existing content created using ASCII based fonts (such as Shusha) to Unicode.
- Multi-lingual support.



Strengths of Aksharamala:

- Easy to use
- Hot key enable / disable
- Non-intrusive
- Use the popular applications that you are already familiar with (Outlook for email, MSN for chat etc.)
- Supports several popular transliteration schemes and keyboard layouts
- Support for Unicode and Proprietary formats alike (we recommend Unicode if your target app supports it)

- Runs on all Windows 32-bit platforms from Windows 9x to XP.

Sample Uses of Aksharamala:

General Usage

- Email, both web-based and email applications such as Outlook, Hotmail, Yahoo! Mail
- Instant Messaging - Chat with friends and family using Yahoo, MSN messenger
- Content creation using FrontPage, Word XP
- Development of Unicode applications that take input in Indian languages
- Storage of information in Indian languages using MS Access, SQL Server, Oracle, MySQL or other popular database software

Publishing

- Develop content in Indian languages using applications of your choice
- Aksharamala comes with high-quality, true-type fonts that are suitable for publishing. You could also integrate your own fonts with it (Using our developer and enterprise editions)
- Use Aksharamala for an economic means to create, edit and distribute content in Indian languages.

Educational Institution

- Develop applications in Indian languages for teaching language courses
- Deploy Aksharamala to facilitate communication using Indian languages via email, instant messaging among your personnel
- Create content in Indian languages for students to use and communicate

Portal

- Reach a wider audience by presenting your content in Indian languages
- Create news reports, online advertisements, other content in multiple Indian languages to cater to specific language groups
- Provide services to non-English speaking population by creating UI and backend applications to process Indian language input

Feature

- Support for Internet Explorer 6.0, Outlook Express 6.0, Microsoft Outlook 98 or later, Office XP, FrontPage 2000 / XP, MSN Messenger 4.5 or later, Word XP and other Unicode (Indic) compliant applications.
- Support for ITRANS Transliteration Input schemes & DOE Keyboard schemes
- Support for switching between English and Indic input using Hotkey or special ASCII sequence (such as ‘##’)
- Support for selecting a particular input scheme as default.
- Support for unlimited input schemes
- Hotkey to select next input scheme (via keyboard)
- Commercial Unicode font for supported Language
- “On-the-fly-conversion” (with single key-press) from ITRANS to Unicode
- Support for ASCII (non-standard / hacked) fonts
- Support for adding additional input schemes (as they become available)

- Ability to create your own key-maps for yet-to-be supported Indic (Unicode) languages, for customized input schemes, “reversal-literation” schemes that allow conversion of ASCII (proprietary fonts) text to Unicode
- Support for converting proprietary ASCII content (Web pages, offline content etc.) into Unicode
- Spell Checking Support New
- Database Support (SQL Server, MS Access, MySQL etc.)
- Aksharamala “C” API for programming your own solutions for transliterating content stored in databases, web pages etc.
- Additional API for converting Indic (Unicode) content from language to another
- IE plug-in to input Indic text on your web site forms with no need of any additional downloads
- .NET Control for a server-based solution

Additional languages

Support for all available languages

Application Compatibility List

Following is a list of applications that we have tested and found to be compatible with Aksharamala in **Unicode** mode. (More applications are compatible in the ASCII mode). Additional information can be obtained on each product by clicking on the application name.

Other Major Products of Deshweb.Com:

- API for enabling software products and web applications in Indian Languages
- Converter software for converting content in ASCII-based fonts to Unicode.

| Name of the Application | | Windows Platform | | | |
|-------------------------|--|--|--------|---------|-----|
| | | 9x/ME | NT 4.0 | 2000/XP | |
| Web | Internet Explorer 6.0 | Yes (1. See note below for information on how to enable Indic support on Windows 2000/XP) | | | |
| | Netscape 6.2+ | No | Yes | | |
| Mail | <u>Outlook Express 6.0</u> | Yes (Please select Rich Text Format before sending emails containing Indian Language text for the recipient to successfully read it in the intended format. Click on the application for detailed instructions.) | | | |
| | <u>Outlook 97/98/2000/XP</u> | | | | |
| | <u>Hotmail</u> | | | | |
| | <u>Yahoo!</u> | | | | |
| | <u>Newsgroups / Web mail</u> | | | | |
| IM | MSN Messenger 3.x/4.x | Yes | | | |
| Word Processors | <u>WordPad²</u> | Yes ² | Yes | No | Yes |
| | <u>Word XP / Office XP</u> | Yes | | | |
| | <u>BharateeyaOO.o</u> (Localized versions of OpenOffice by NCST for Windows 2000 or XP) | No | | | Yes |
| | <u>OpenOffice from OpenOffice.org</u> | Yes ³ | | | No |
| | <u>LedIt! 3.0</u> | No | | | Yes |
| Plain Text Editors | Notepad | No | | | Yes |
| | <u>BabelPad</u> | Yes | | | |
| | <u>UnicEdit</u> | No | Yes | | |
| HTML | <u>FrontPage XP</u> | Yes | | | |
| | Netscape Composer 6.2+ | No | | | Yes |

- Browser companion for enabling websites in Indian Languages, named “Aksharamala IE Companion” (also called “Saathi” in our earlier documentation).

Advantages:

On top of being most convenient and intuitive way to type in Indian languages using an English keyboard our solution has the following advantages as well:

- Uses Unicode: This allows data interchange between applications using cut and paste and other Windows standard mechanisms. Other non-Unicode solutions do not give this portability as the character-mapping for each font is vendor-dependent and can change without notice.
- Consistent: Our input method supports many popular Input schemes. We support ITRANS 5.x across all supported Indian languages. ITRANS is consistent across all Indian languages. That is, a user familiar with typing using this method (in any language) can do the same in any other language without re-learning the character sequence.
- Comprehensive: Our solution is not application specific. Our software directly speaks with OS in a standard manner and so can be used across all applications on Windows 9x, NT, 2000, ME, XP. This means that not only can you create a document but you can also create a directory or file name in Hindi using our software. (NOTE: Directory, filename creation in Indian languages is supported by only Windows 2000/XP while Indic support is enabled.)
- Standard: Aksharamala is similar to other international input schemes that use the same standards for example Japanese, Chinese etc.,
- Compact: This software has a small footprint as it uses system APIs for fast and efficient

transformation from English character sequence to the respective Indian language.

*(Source Website/Courtesy :
Deshweb.com Private Limited
Registered Office:
62, Sundar Nagar,
Hyderabad, AP - 500038
E-mail : marketing@deshweb.com
Website : www.deshweb.com)*