

Original by Markus Kuhn, adapted for HTML by Martin Dürst.

UTF-8 encoded sample plain-text file

[illegible]

Markus Kuhn [ËmaÊ³kÊs kuÊn] <mkuhn@acm.org> â 1999-08-20

The ASCII compatible UTF-8 encoding of ISO 10646 and Unicode plain-text files is defined in RFC 2279 and in ISO 10646-1 Annex R.

Using Unicode/UTF-8, you can write in emails and source code things such as

Mathematics and Sciences:

$$\hat{a}^{\otimes n} E \hat{a}^{\otimes n} da = 0, \quad n \hat{a}^{\otimes n} \hat{a}^{\otimes n}, \quad \hat{a}^{\otimes n} f(i) = \hat{a}^{\otimes n} g(i), \quad \hat{a}^{\otimes n} x \hat{a}^{\otimes n}: \hat{a}^{\otimes n} x \hat{a}^{\otimes n} = \hat{a}^{\otimes n} \hat{a}^{\otimes n} \hat{a}^{\otimes n} x \hat{a}^{\otimes n}$$

â□□ â□□ â□□â□□ â□□ â□¤ â□□ â□□ â□□ â□□ â□□ â□□, â□¥ < a â□ b â□i c â□¤ d â□ª â□¤ â

$$2H\hat{a} + 0\hat{a} \hat{a} 2H\hat{a}0, R = 4.7 \text{ k}\hat{\text{I}}\text{C}, \hat{a} 200 \text{ mm}$$

Linguistics and dictionaries:

Ā°i Ā±ntÉĒnĀ|ÊÉnÉĴ fÉĒnÉĵtĀ+k ÉsoÊsiĒeĀ±Ēn
 Y [ĒÊpsilÉn], Yen [jÉn], Yoga [ĒjoĒgÉ]

APL:

$$((\nabla^3 V) = \hat{\alpha}^3 \hat{\alpha}' V) / \nabla^2 V, \quad \hat{\alpha} \cdot \hat{\alpha}^3 \hat{\alpha}' \hat{\alpha}^3 \hat{\alpha}' \hat{\alpha}^3 \hat{\alpha}' \hat{\alpha}^3 \hat{\alpha}'$$

Nicer typography in plain text files:

[illegible]

[illegible]

$$\hat{\Gamma} \hat{\Gamma}^T \cdot \hat{\Gamma}_4^1 \hat{I} \hat{I} \hat{\Gamma}, \hat{a}_{\frac{1}{2}}^1 \hat{I}_2^1 \hat{I} \hat{I} \hat{\Gamma}, \quad \hat{\Gamma} \hat{a}_{\frac{1}{2}}^1 \hat{a}_{\frac{1}{2}}^3 \hat{I} \hat{\Gamma} \gg \hat{\Gamma} \hat{I}_2^1 \hat{I}, \hat{I}^1 \hat{I} \pm \hat{I} \hat{a}_{\frac{1}{2}}^1 \hat{I}$$
[illegible][illegible]

Excerpt from a poetry on The Romance of The Three Kingdoms (a Chinese classic 'San Gua'):

[-----|-----]

à¹ à¹à,à¹à,à,à,´à,à,à,±à¹à,à¹à,à,·à¹à,-à,ià¹à,à,fà,ià¹à,à,à,à,à,à,´à,à,à,-à,à,à,à,à,±à,à,fà,´à,à¹à,à¹à,-à,à,«à,à¹à,²à¹à,¥à,à,±à,à,à,fà,à,à,±à,à,à,·à,-à,à,±à,à,à,µà¹à,à¹à,à,à,µà¹à,à,à¹à,à,à¹à,à,à¹à,à,fà,µà,à,à,à,±à,à,à,±à¹à,à,à,«à,±à,à,à¹à,ià,·à,-à,à,à¹à,«à,ià,·à,-à,à,à,±à,à¹à,à¹à,¥à¹à¹à,à,·à,-à,à,²à,à¹à,à,à,«à,²à,à¹à,²à,à,à,-à¹à,-à,à,-à,à¹à,à,à,à¹à,à,à¹à,à¹à,«à¹à¹à,à,à,à,±à,à,à,¥à,±à,à,¥à,´à,à,,à,à,à,à,à,à,à,µà,à,¥à,±à,à,à¹à,-à¹à,«à,à,,à,à¹à,-à,à,fà,à,fà,²à,à¹à,²à,à,±à,à,à,à,à,fà,fà,¥à,±à,à,à,à,à

(The above is a two-column text. If combining characters are handled correctly, the lines of the second column should be aligned with the | character above.)

Ethiopian:

Proverbs in the Amharic language:

á°áá- á á-á³á"áµ áááá¥ á á-á"á°áµá
á¥á á«áá á¥áá°á á£á´ á áááá ááá
áá¥ á«ááá± áááá¥á áááá
á°á á áááá ááá á£á-á á£ ááá£áµ á áá°áááá
á"á á áááááá³ á ááá á á-á³á½áá
á á-á¥ á á á³á á°áá³á
á²á°á"áá á-á°á"ááá
ááµ á áááµá¥ áááááá á á¥áá© á-ááá³áá
áµá- ááá«á¥á- á áá á³ á«áµá-á
á°á á¥áá°á± á¥áá á¥áá° áá"á± á á-á°á³á°á-áá
á¥áááá- á"á"áá°áá ááá®á® á³á-áááá á á-áµá-áá
á"áá"á±áµ ááá£á¥ ááá«á°áµ á-áµá á£á«á°áµ á«á áááá
á¥á« á"áááá³áµ áááá áááá³áµá
ááá£á- áá°á³á« á"áááá¥ ááááµ á-á á-áá«áá
á"á¥áµáá á ááá© ááá« á"á ááá« á ááá© ááá-á«á
á°áááá ááá°á á°áááá¶ á£ááá
ááá³áá ááá- áááá á"á-áµá á áµáá°áá
á¥ááá-ááá á ááá«á½á ááá- ááá-ááá

Runes :

$\acute{a} \gg \acute{a}$ $\acute{a}^3 \acute{a}^1 \acute{a} \ll \acute{a}$ | $\acute{a}$ | $\acute{a} \ll \acute{a}$ $\acute{a} \gg \acute{a}$ $\acute{a} \text{ } \acute{a} \text{ } \acute{c} \acute{a} \text{ } \acute{a}$ $\acute{a} \text{ } \textcircled{\text{c}} \acute{a}^{\frac{3}{4}}$ $\acute{a}$ | $\acute{a} \ll \acute{a}$ $\acute{a} \text{ } \acute{a}^{\text{a}} \acute{a}^{\frac{3}{4}} \acute{a} \text{ } \acute{a}$ $\acute{a}$

(Old English, which transcribed into Latin reads 'He cwaeth that he bude thaem lande northweardum with tha Westsae.' and means 'He said that he lived in the northern land near the Western Sea.')

Braille:

$$\hat{a}^\dagger \hat{a} = \hat{n}, \quad [\hat{n}, \hat{a}] = -\hat{a}, \quad [\hat{n}, \hat{a}^\dagger] = \hat{a}^\dagger$$
[illegible]
$$\hat{a}_i \hat{a}_j \hat{a}_k \hat{a}_l \hat{a}_m \hat{a}_n \hat{a}_o \hat{a}_p \hat{a}_q \hat{a}_r \hat{a}_s \hat{a}_t \hat{a}_u \hat{a}_v \hat{a}_w \hat{a}_x \hat{a}_y \hat{a}_z \hat{a}_{10}$$

âi□â □â □â □ âi□ â □â □â □â °â □ â □â □â □â □ â □â □ â □â □â ¹ â ¹â □â □ âi□ â □â
â ºâ □ â □â □â ºâ □â «â □â □â □ â ±â □â □ â ¹â »â □ â □â □ â □â □â □â □â ¥â □â
â □ â □â □â □â □â ¤â □â □â □â □â ² âi□ â □â □â £â □ â □â □â §â □ â □â □â ² â □â □
â □â □â □â □â □ â □ â □â □â □â □â □â ¤â □â □â □â □ â □â □ â ¹â □ â □â □â □â □â □â
â □ â ¹â □ â □â □â □â □â □â ² âi□â ¥â □ â ¹â □ â ºâ □â □â □â □â □ â □â □ â ³â □ â
â □â □ â □ â ¹â □ â □â □â □â □â □â □â □ â □â □â □ â □â ¹ â ¥â □â □â □â □â □â ºâ «
â ©â □â □â □ â □â □â □ â □â □â □â ¥â □â □ â □â □â □ â □â □ â ¹â □ âi□â ³â □â □â □â
â ºâ □â □â □ â ¹â »â □â □â □â □â □ â □â »â □â □â □ â □â □ â □â □ â □â □â □â □â
âi□â □â □â □â ¹ â ºâ □â □ â □â □ â □â □â □â □ â □â □ â □ â □â □â □â □â ¤â □â □â □â

(The first couple of paragraphs of "A Christmas Carol" by Dickens)

Compact font selection example text:

ABCDEFGHIJKLMNOPQRSTUVWXYZ /0123456789

abcdefghijklmnopqrstuvwxyz Â£Â©ÂuÃŒÃŒÃŒÃŒÃŒÃŒÃŒÃŒ

[illegible]

[illegible]