

Proposal to add Parkari letters to Arabic block

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A. Administrative	
1. Title	Proposal to add Parkari letters to Arabic block
2. Requester's name	SIL International (contacts: Peter Constable, Jonathan Kew)
3. Requester type	Expert contribution
4. Submission date	November 1, 2001
5. Requester's reference	
6a. Completion	This is a complete proposal
6b. More information to be provided?	No

B. Technical — General	
1a. New script? Name?	No
1b. Addition of characters to existing block? Name?	Yes — Arabic.
2. Number of characters in proposal	3
3. Proposed category	A
4. Proposed level of implementation and rationale	1
5a. Character names included in proposal?	Yes
5b. Character names in accordance with guidelines?	Yes
5c. Character shapes reviewable?	Yes
6a. Who will provide computerized font?	Jonathan Kew, SIL International
6b. Font currently available?	Yes
6c. Font format?	TrueType
7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	Yes
7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?	Yes
8. Does the proposal address other aspects of character data processing?	No

C. Technical — Justification

1. Has this proposal for addition of character(s) been submitted before?	No
2a. Has contact been made to members of the user community?	Yes
2b. With whom?	Dr. Richard Hoyle (SIL linguist) has had extensive contact with the Parkari Language Committee, Parkari Community Development Programme, and others of the Parkari community
3. Information on the user community for the proposed characters is included?	Yes
4. The context of use for the proposed characters	Cultural, educational, medical, agricultural, religious, and children's books and other literature
5. Are the proposed characters in current use by the user community?	Yes
6a. Must the proposed characters be entirely in the BMP?	Yes
6b. Rationale?	Contemporary characters in common use
7. Should the proposed characters be kept together in a contiguous range?	No
8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?	No
8b. Rationale for inclusion?	N/A
9a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?	Possibly, depending on calligraphic style, but characters are still distinct
9b. Rationale for inclusion?	See below
10. Does the proposal include use of combining characters and/or use of composite sequences?	No
11. Does the proposal contain characters with any special properties?	No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

1. Relevant SC2/WG2 document numbers	
2. Status (list of meeting number and corresponding action or disposition)	
3. Additional contact to user communities, liaison organizations, etc.	
4. Assigned category and assigned priority/time frame	
Other comments	







Proposal

History of the Parkari orthography

The Parkari language is spoken by about 500,000 people in the province of Sindh, Pakistan. Parkari has had a standardized orthography used in all written and printed materials since 1985. The orthography was standardized in 1983–4 by the Parkari Language Committee, made up entirely of members of the Parkari community.

Basis for Parkari orthographical decisions

The orthography is based on the Sindhi script, itself a modification of Arabic. Due to the difference in phonology between Parkari and Sindhi, three new letters were created to represent phonemes that are not found in Sindhi or Urdu. All three letters consist of an Arabic base form, already existing in Sindhi, with an inverted ‘v’ shape or circumflex-like symbol above the letter. They are as follows:

<i>Phoneme</i>	<i>Description of letter shape</i>	<i>Example</i>	<i>Contrasts with phonemes</i>	<i>Written as</i>
implosive dental /d/	dal with inverted ‘v’ above		implosive retroflexed /d/	
retroflexed /l/	reh with inverted ‘v’ above		normal /l/, retroflexed /r/	
voiceless /h/	heh with inverted ‘v’ above		voiced /h/	

Two other Parkari phonemes (short /e/ and aspirated /z/) not present in Sindhi also need to be represented in the orthography. However, these are written using digraphs that can already be encoded as character sequences in the UCS (ٺه and ٺه respectively); they do not require the addition of new characters.

Arabic has been regularly adapted in the past to match the phonology of other languages, e.g., for Farsi, Urdu and Sindhi. Digraphs have sometimes been used for aspirates (e.g., in Urdu). Other adaptations have involved modifying existing letters using superscripts or subscripts, typically using different dot combinations with a single base letter, or using the same superscript symbol on different base letters. Due to the frequent use of dots in Sindhi, the Parkari Language Committee chose to modify letters by adding a single superscript symbol to different base letters already present in Arabic (comparable to the use of a small TAH mark to create the Urdu retroflex letters).

Use of the Parkari orthography

The Parkari orthography has been used in published materials since 1985 and is accepted and used by all members of the community, as well as by outsiders working in the Parkari language. The orthography is used in printed books, in a community magazine, in formal education in rural schools, in cultural materials, on cassette covers, on cards, and for personal letters. As well as other organizations and individuals using this standardized orthography, it is used by the Parkari Community Development Programme (formerly Parkari Audio Visual), a Parkari organization founded in 1996, which produces and publishes Parkari books and promotes Parkari literacy.




Examination of the examples will show that there is some variation in the shape of the inverted ‘v’ above the Parkari letters; some writers and fonts use an angular form, similar to a circumflex accent, while others use a more rounded form, similar to a breve accent. This is purely a stylistic difference, not a meaningful distinction.

Amount of Parkari literature

There are over 100 books published in Parkari, ranging in size from children's Early Reading Books with only a few pages, to educational and medical books with some 30-50 pages, and including cultural and religious books with several hundred pages. These books cover a wide range of topics including cultural, educational, medical, agricultural, and religious materials, as well as children's stories. There is also a regular community magazine. Books have been published by the Parkari Language Committee, Parkari Audio Visual / Parkari Community Development Programme, the Catholic Diocese of Hyderabad, and Pakistan Bible Society.

Characters proposed to be added to Unicode

Three additional characters are required in the Arabic block of Unicode. They each share the same properties and joining behavior as the basic Arabic letters on which they are based. It is unimportant exactly what Unicode values are allocated for these letters, though they should be kept with the rest of the Arabic script. One option would be to use the three remaining code points in the U+06Ex..06Fx columns; another would be to allocate codes in the U+065x column.

<i>Glyph</i>	<i>Suggested USV</i>	<i>Character name</i>	<i>Join type</i>	<i>Join group</i>
	U+06EE or 065D	ARABIC LETTER DAL WITH INVERTED V	R	DAL
	U+06EF or 065E	ARABIC LETTER REH WITH INVERTED V	R	REH
	U+06FF or 065F	ARABIC LETTER HEH WITH INVERTED V	D	KNOTTED HEH

In some hand-written forms of Arabic script, a combination of three dots pointing upward (as seen on U+0698, for example) may appear as a single stroke in the form of an inverted 'u' or 'v', similar to the mark added for the Parkari letters. This might appear to suggest that the Parkari DAL WITH INVERTED V and REH WITH INVERTED V should be unified with U+068E and 0698 respectively. However, this would be incorrect. Although the Parkari orthography itself does not require either U+0698 or 068E, there is a strong possibility of U+0698 occurring in Farsi and Urdu loanwords. The form with three dots, representing Farsi JEH, would then contrast with the Parkari letter with the inverted 'v', representing the retroflexed /l/. Similarly, if U+068E occurs in Sindhi text, this should contrast with the Parkari letter.

It is also significant to note that the use of the inverted 'v' mark was a deliberate choice on the part of the Parkari Language Committee, taken in view of the fact that multiple-dot combinations are already so frequent in the Sindhi script they took as a basis. Rather than use yet more letters with multiple dots, such as by 'borrowing' the JEH letter from Farsi/Urdu, they preferred to choose a visibly distinct form, and this choice has become the accepted standard throughout the community. In all the published examples of Parkari literature, it can be clearly seen that patterns of distinct dots are written or printed for all the standard Sindhi letters, while the three Parkari additions have their unique mark instead. While it may be true that in some handwriting, a three-dot pattern might 'degenerate' towards the form of the Parkari mark, it is not appropriate to unify the distinctive Parkari letters with three-dot versions.

Samples of published Parkari literature

The following sample pages are scanned from Parkari books published in Pakistan during the period 1985–2001. In each case, a few examples of the three special Parkari letters are circled for ease of reference.

سنڌي	پارڪري	سنڌي	پارڪري	سنڌي	پارڪري
زھ	-	س	س	س	س
ص	ص	ض	ض	ط	ط
ظ	ظ	ع	ع	غ	غ
ف	ف	ق	ق	ڪ	ڪ
ڪ	ڪ	گ	گ	گپ	گپ
گھ	گھ	گ	گ	ل	ل
م	م	ن	ن	ڻ	ڻ
و	و	ھ	ھ	ھ	ھ
ء	ء	ي	ي	-	-

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سنڌي	پارڪري	سنڌي	پارڪري	سنڌي	پارڪري
ا	ا	ب	ب	پ	پ
پ	پ	ت	ت	تھ	تھ
ث	ث	ث	ث	ث	ث
پ	پ	ڦ	ڦ	ج	ج
ج	ج	جھ	جھ	چ	چ
چ	چ	چھ	چھ	ح	ح
د	د	-	ڌ	ڌ	ڌ
د	د	ڌ	ڌ	ڊ	ڊ
ر	ر	ز	ز	ڙ	ڙ
ر	ر	ڙ	ڙ	-	-

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Transfer Primer, published by Parkari Language Committee (1985) 36 pages (pp34–35 shown)

These charts show a comparison of the Parkari and Sindhi alphabets. Note the three Parkari letters with inverted ‘v’ above, which do not have Sindhi equivalents. (The /zh/ digraph also lacks a Sindhi equivalent, but this combination does not need to be encoded as a distinct character in the UCS—it can already be adequately encoded as a character sequence.)

ويل .
: من موئين ڏيپ جلاوو، پريو جي مارا
من موئين ڏيپ جلاوو :

1 . : گهور اندارو مارڳ نا ڏيڪون
ست نڳري نئه ڪم ڪرين اوڙڪون :
: هات زهالي ليو، او مارا سوومي :
پریم رو پنٽ ڏيڪاڙو پريو جي مارا
من موئين ڏيپ جلاوو .

ويل .

2 . : آوين رو مارا جيون موئين
پلٽو مارون پيئون نيئون موئين :
: هون سون تمارو آپرو پريو جي :
هيئي هڻيو هماوو، پريو جي مارا
من موئين ڏيپ جلاوو .

ويل .

3 . : پروڻ ڏيڌو منڪون هارو
ڪروسي سڙيا پايون هارو :
: لوئي رئي ڌار جي ووڌي پريو جي :
اوتڻا موئين امون نئه جهيلاڙو،
پريو جي مارا
من موئين ڏيپ جلاوو .

ويل .



پوپٽئہ ان ڪلڪوڙي هاٿ پوندين ڪيڏو
 ”او پويتر سنت، امارو ڦينصلو ڪرو.“
 مينڙئہ ڪيڏو
 ”مارون ڏيڪرون، هون هوئہ ڏوڪرو ٿي ڳيوھ.
 مون نئہ گھٽ هومپڙيا آوئہ.
 تمي ٻي آوين
 مارا ڪون موئين واتون همپڙاوو.“



Jungle Stories, published by Parkari Language Committee (1988) 48 pages (p 39 shown)

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کونبنا رئي لاکڙي لت پت تئھ،
پوئي رون سونتون هون نران نارئي زوتا تئھ.
(کون: منوز، زروز)



۱۶۶

کونتون رئي اٿل پاتل، پوتزون رو ڏکار،
تريا موئھ تڙ را، هوياري کاڌا واڙا.
(کون: اڏپوز)



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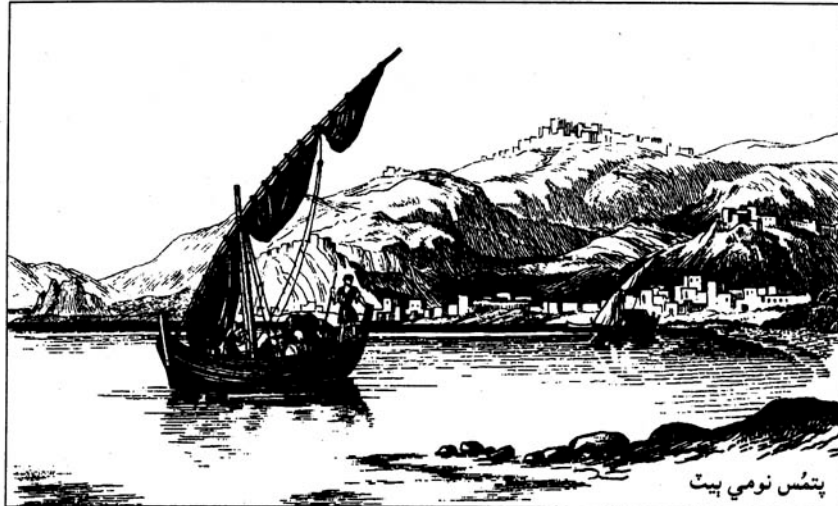
کوري موري بابريا،
اسکاوي زو راتي سور.
(کون: منوز)



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Proverbs and Riddles, published by the Catholic Diocese of Hyderabad (1990) 185 pages (p 152 shown)

ايسو رو يوحنا ننه ديكارل درشن



پتمس نومي پيت

1 ① ايٺا ڪتاب ۾ او واتون لڪل سٺه جي ايسو ڪريست درشن ڏين ساوي
 ڏيڪارٽيه. هائي واتون ايسو ننه پڳوون را پاها ٿي زڙي زم او آپرون
 شيواڌاريون ننه ساوي ڏيڪارٽه، جي ڪي ڪي واتون ضرور جلدي ۾ ٿي شي.
 هائي واتون ايسو آپرا آڪاشي ڏوت ننه ميلين مون آپرا شيواڌاري يوحنا ننه
 نيشونون ٿي ساوي ڏيڪارٽي. ② ان پڳوون را وچن ان ايسو ڪريست را پارام
 زتي واتون مٿين ڏيڪيه، اوئون ٻڌيون واتون را پارام هون هاڪ پرونه.
 ③ پاڳواڙو او سٺه جي پڳوون را ايٺا نياپا ري واتون پٺين همپڙاوه ان
 پاڳواڙا او سٺه جي اي واتون هومپڙه، ان ايٺا نياپا ريون لڪل واتون مانه ونه.
 ڪم تو ايسو رنه پاسا آيا رو توڻو ڏوڪڙو سٺه.

The Parkari New Testament, published by Pakistan Bible Society (1996) 119 pages (p 1030 shown)

هفتو 4 مضمون: گوم

انگارو: هیکا گوم یر ٻي لاینهٽیون را ون هتا. هیک ڏي گوم یر منکي لینهٽیون را ٻیزا آن ون پوکیا. پیارون ٻازون، تمی همپزاوو جي لینهٽیون را کتا ون ٿیا؟

اریا: هیک موتو گوم هتو. هیا گوم یر هیک موٿي اسپتال هتئي. هیا اسپتال یر سو ڊاکتر هتا. ٻي ڊاکتر ٻیزا آیا. پیارون ٻازون، تمی همپزاوو جي اسپتال یر کتا ڊاکتر ٿي گیا؟

کمیس: هیکا گوم یر نو نلکا لاگل هتا. اٿون موٿين ٿي پونس نلکون رو پوٿي کارو هتو. پیارون ٻازون، هوٺه تمی همپزاوو جي باقي کتون نلکون رو پوٿي میٺو هتو؟

هفتو 5 مضمون: پاڙل زناور

انگارو: هیکا گوم یر چار مینڙي هتي. هیک ڏي هیا گوم یر هیک ٻیزئي مینڙي آوئي. پیارون ٻازون، تمی همپزاوو جي کتي مینڙي ٿیه؟

اریا: هیکا منک را سو هاها هتا. هیک ڏي او شیکار مانم گپو، ان ٻیزا ترن هاها رچ یر زهالي لیڏا. پیارون ٻازون، تمی همپزاوو جي کتا هاها ٿیا؟

کمیس: هیکا گوم یر نو کوترا هتا. ان هایون نوون موٿين ٿي چار کوترا میڊا هتا. پیارون ٻازون، هوٺه تمی همپزاوو جي باقي کتا کوترا هازا هورا هتا؟

لوڪ ساگر جا موتي

”آئون لوسي تروت، انگلينڊ ۾ آڪسفورڊ جي رهڻ واري آهيان.
۽ جارج بوٽ تروت جي عزيزن مان آڪري هڪ آهيان.
جان بوٽ تروت 1830ء ۾ پيدا ٿيو، ۽ 1875ء ۾ وفات ڪري ويو.
1847ء ۾ 17 ورهين جي عمر ۾ برطانيه جو سپاهي ٿي هندوستان ويو.
هن تمام جلدي ترقي ڪئي. ۽ جڏهن 1857ء ۾ انڊيا برطانيه جي خلاف جنگ ڪئي
تڏهن هو سنڌ مٿان سياسي سپرٽينڊنٽ هو.
نگرپارڪر ۾ هن جي خلاف وڙهڻ وارن مان هڪ پارڪريو ڪولهي هو.
جنهن جو نالو روپلو گوئيل هو.
هو گهڻي بهادري سان وڙهيو ۽ مريو. تڏهن به هو اڃا تائين پارڪري قوم ۾ هيرو آهي.

1999ء ۾ پونم پاسڪل پرمار انگلينڊ آيو،
۽ هن مون کي اها روپلي گوئيل جي سڃي ڳالھ ڪري ٻڌائي ۽ فوٽو ڏيکاريا جيڪا هن ڪتاب ۾ آهن.
هن صدي جي نئين شروعات ۾ هي موقعو آهي ته پراڻا وير ختم ڪريون.
آءُ پارڪري ڪولهي ماڻهن جي لاءِ سنڌ جي رهواسين ڇي لاءِ
نيڪ خواهش رکي امن ۽ صلح جو نياپو ڏيان ٿي.



صحيح

لوسي سي. ايس تروت (ايل. سي. ايس تروت)

”هون لوسي تروت، انگلينڊ ۾ آڪسفورڊ رٿي ريا واڙئي سون،
ان جارج بوٽ تروت رون عزيزون موئين ٿي آڪري هڪ سون.
جارج بوٽ تروت 1830ء ۾ زلميو تو ان 1875ء ۾ مري گيو تو.
1847ء ۾ هترهه ورهون ري عمر ۾ برطانيه رو سپاهي ٿين او هندوستون گيو.
اونه جومر جلدي ترقي ڪرڻي ان زئيون 1957ء ۾ انڊيا برطانيه رنه ڪلاڻ وڊيو
تئيون او سنڌ مانو سياسي سپرٽينڊنٽ هتو.
نگر ۾ اوئا رنه ڪلاڻ وڊيا واڙون موئين ٿي.
هڪ پارڪريو ڪوڙي هتو جيا رو نوم روپلو گوئيل هتو.
او جومر بهادري ٿي وڊيو ان مروٽو، توئي پن او هزون هوڏي پارڪري نات ۾ هيرو سته.

1999ء ۾ پونم پاسڪل پرمار انگلينڊ آيا،
ان اوئي مون ننه هائي روپلا گوئيل رٿي ٻڌئي وات همپراوني ان قوٽو ڏيڪاڙيا جيا اينا ڪتاب ۾ سته.
اينا صڌي ري نوي شروعات ۾ اي موقعو سته جي زونا وير رو انت ڪرون.
هون پارڪري ڪوڙي منڪون هارو ان شنڌ رون ٻڌون ريواشيون هارو
نيڪ آس راکين شوٽي ان هڪ رو نياپو ڏيونه.



صحيح

لوسي سي. ايس تروت (ايل. سي. ايس تروت)

Cultural History of Parkar (in Sindhi), published by Parkari Audio Visual (2000) 251 pages (p 5 shown)

The lower half of this page contains a Parkari translation of the Sindhi text in the upper half.

ٻارِ نائوڪئ ڊائڻه ڪم ڪرين شڪئ

ايوئ نمونئ شڪاڙو زم شڪل واتون هميش هُودِي رئ.

② ٻڻيا واڙون مانھ ڪاس ڏيون:

ٻڻيا رئي هيڪ ڪاس عمر هوئ. ٻڻيا واڙا نئھ جي ڪئين پڻاوا ڪروھ ريا او هائي
ٻڻيا جيوو سئ (عمر پرمونئھ) ٻڻيا ۾ ٻار رو شونق سئ؟ ٻڻيا واڙون رو مون
راڪو. ٻڻيا واڙون هارو حفاظت هوئ. هايا عمر ۾ جيوو پڻ تجربو ٿيڻي او هميش
هُودِي ري زاشي. اڃي ڪُشي جي ڪئين شڪشي اوئا ٿي گھڻو ڪئين پڻي.

② هوشيار:

ٻار ڪوئي پڻ ڪوم ڪريا ٿي شڪئ. آڙاڙي ان تجربو ٻڻيا ان شڪيا رئ پاهئ لي
زائھ.

③ ڏوروون رو توڙ:

سڏي وان ڪروو. ڏوروون رو توڙ ڳوتو. ٻار نئھ هم نائوڪو لاڳي ان او نائوڪئ
ڊائڻه ٻڻي هيڪي.

④ پيڙا ٿين ڪوم ڪروو:

ويچار ان ڪيال هومپڙيا ٿي شڪئ. ان پيڙا ٿين ڏوروون رو توڙ ڳوتو ان هم پيڙا
نائوڪئي شڪومن زڙھ ان نائوڪو ڍون پڙھ.

⑤ آڦوڪو آپ ڪينڪ ڪروو:

ٻارون رو وشواس پڪو ٿئھ زئيون او ڪينڪ ڪريا ۾ ڪامياب ٿئھ ان ڪيڏل ڪوم
زئيون نائوڪئ ڊائڻه ڪرئھ تو او وڌائڻه پروسا ٿي شڪئ.

