

Universal Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

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Title: Proposal to establish a new normative kIRG_SGSource property
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Action: For consideration by WG2, IRG and UTC
Appendix: 3
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I once submitted [IRG N2841](#) on the Singapore and Malaysia issues. IRG asked me for a formal proposal on kIRG_SGSource as [Recommendation IRG M65.19](#) shows.

In current code charts of UCS and Unicode, we have one source related to Singapore, which is GS-Source. UAX #38 shows the information as below.

GS	Singapore Characters
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However, Singapore has no longer participated in the IRG encoding works. The question what we need to face is how to handle the GS-Source characters when the experts point out the issues. Jaemin Chung once submitted [IRG N2545](#) on the issue of U+48B4 𐄀. He pointed out that the GS-2151 glyph for U+48B4 should be updated like other source glyph at that time, and the final result is that we updated the GS-Source glyph but kept the source reference. At the end of the document, Jaemin raised more issues, that means maybe we will meet more situations like U+48B4 𐄀 in future, and China can't handle them. Therefore, I suggest establishing a new normative property for the Singapore characters. The following parts are what we need to do.

(1) To establish SG-Source (kIRG_SGSource) which is separate from current G-Source (kIRG_GSource). The description is kept as Singapore characters.

Property	kIRG_SGSource
Status	Normative
Category	IRG Sources
Introduced	TBD...
Delimiter	N/A
Syntax	SG-[0-9A-F]{4}
Description	The IRG "SG" source mapping for this ideograph in hexadecimal. SG Singapore Characters

(2) To Remove the "GS" source prefix from the Syntax and Description of the kIRG_GSource property.

(3) To change the source references of all the current GS-prefixed G-Source characters to SG-Source references. All the GS prefixes should be updated to SG prefixes, and the values should be kept as-is. There is only one character we need to mention is U+48B4 𐄀. It is better to keep the original GS-2151 glyph as the new SG-2151 glyph and move it to U+9097 𐄀 as [Unicode 14.0](#) shows. The G-Source refence for U+48B4 𐄀 could be changed to GKX-1268.18 (if China agrees).

There are three attachments for removals, change and additions.

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