

Title: **U+891D 禪 禪 禪 erratum?**






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Action: For UTC Consideration






Date: 2019-05-22

The current G-Source chart glyph for 禪 U+891D (TUS 12.1) shows the unification of 禪 禪 禪 and 禪 禪 禪, adopted in response to [WG2/N4988](#) (in TUS 12.0). This late-stage unification (involving Unicode 1.1 characters) is problematic because it calls into question (1) the character identity, (2) details of the CJK encoding model, and (3) the property update process. The glyph change introduced the need to update at least two Unihan properties `kSimplifiedVariant` and `kTraditionalVariant` with mappings related to 禪 U+894C, but those properties have not yet been updated. The glyph change without formal adoption of the associated property changes suggests a defect requiring an erratum.

TUS 11.0:

<div style="background-color: #ADD8E6; padding: 2px; display: inline-block;">891D</div> 衣 145.9			 GE-3D37		 J0-6A7C
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TUS 12.1:

<div style="background-color: #ADD8E6; padding: 2px; display: inline-block;">891D</div> 衣 145.9			 GHZR-63304.09		 J0-6A7C
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More generally, it would seem best if newly encoded PRC simplified characters include the data needed to update the associated Unihan properties. For ex., `kSimplifiedVariant` and `kTraditionalVariant` mappings (which can provide `kMandarin` readings) are still missing for many Ext. F characters. The glyph change for U+891D also suggests (1) the need for formal definition of a new Standardized Variation Sequence (SVS) to handle glyph selection in this particular case, and (2) the need to update the text of TUS (Ch. 18.1) to document the CJKUI encoding model use of SVS for simplified characters, and perhaps also UAX#38.