Title: CJK radical sun is a misnomer
Source: William T. Nelson
Status: Individual contribution
Action: For consideration by UTC
Date: 2019-07-15

Recommendations

1. Add a formal alias CJK RADICAL HOOD to U+2E9C.
2. Note the name CJK RADICAL SUN as a known anomaly in UTN #27.

Background

U+2E9C ⺜ CJK RADICAL SUN, a Han script character with the Radical property, was encoded as part of the CJK Radical Supplement block in Unicode 3.0.

When the Equivalent_Unified_Ideograph property was proposed, this character was mapped to U+65E5 日 (sun). No formal feedback was submitted for this mapping in PRI344, and the property was adoped in Unicode 11.0.

Despite this character's name including "sun" and its property referencing 日 (sun), its glyph unambiguously represents the component form of U+5183 冃 (hood) when it is positioned above another component.

References

Prof. MORIOKA Tomohiko noted the issues with this character's name and mapping in a [Twitter post](#) from 2017:

MORIOKA Tomohiko
@CHISE_ja

chise.org/est/view/chara… この名前が <CJK RADICAL SUN> なので #pri344 原案のように 「日」にマッピングしたくなる気持ちはわかるのだが、でも、たぶん、これは機能部品的には「冃」だよなぁ。

2:14 AM - 31 Mar 2017

The name "hood" is taken from the CHISE project [entry for U+2E9C](#):

Bidi Category : ON
General Category : symbol other
Ideographic Radical : 冂部 (R013)
Ideographic Strokes : 2
Ideographic Structure :
Mirrored :
Name : CJK RADICAL SUN
Name* : ideographic component hood
Total Strokes : 4
= UCS : U+2E9C (11932) [-] [+]

See also [L2/19-214R](#) for Jaemin Chung's proposal to change the Equivalent_Unified_Ideograph property values for 32 characters, including U+2E9C.