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Title:	Proposal to introduce level in UCVs
Status:	Individual Contribution to IRG #57
Action:	To be considered by IRG

After IRG 57, we have more than 480 UCV (Unifiable Component Variants) and NUCV (Not-unifiable Component Variants) entries in IWDS. Among those UCVs, most of them are calligraphic variants, which are safe to apply in unification. However, some of them are non-cognate, when applying those UCVs, it must be ensured those variants are cognate.

We suggest introducing the concept of “level” in UCV, to notify users to check the cognation of the glyphs to be unified when applying the rules. For cognate component variants we suggest the level to be “should unify” (level 1), which means glyphs differs with these components should be unified by default, unless exceptionally strong evidence of non-cognate. For non-cognate component variants we suggest the level to be “unifiable” (level 2), which requires additional semantic analysis to prove if they are variants or not. The table below shows some examples.

UCV	Glyph	Level	Note
33	羽羽 𠂇 𠂇	Should unify (1)	Variants on different positions
3	耒耒	Should unify (1)	Calligraphic variants
1	壬王 王 王	Unifiable (2)	壬 王 王 are non-cognate
17	參 叁	Unifiable (2)	Non-cognate

(End of document).