

IRG N525

Date: 1997-12-17

Title:

Answers to Questions raised in WG/2 (WG2 N1490 IRG N453)

By: Ah Hoc Group at IRG #10

Answer to question 1 and 2:

The Objective of the project is to describe those un-encoded ideographs. The description only gives the abstract form of the ideographs. These ideographs are subject to unification rules by implication since the description uses the coded unified ideographs. The side benefits will not be used as justification for the adoption of the this method.

Answer to Question 3

The Variation Mark is an independent graphic character(by ISO10646 definition 4.18). See IRG N519 for detailed definition.

Answer to Question 4

The canonical ideographic structure can be considered as a specific ideograph description sequence for a given un-encoded ideograph. After careful consideration, we decide not to include it in the scheme definition. It is up to applications to provide a unique description of an un-encoded ideograph.

Answer to Question 5

The definition of ideograph description sequence can include radicals. That is the ideographic structure characters can be followed by radicals in the ideograph description sequence.

Answer to Question 6

Yes, there are possibility that new components(and structure symbols too). According to a study by the proposing country, the current proposal of components are sufficient to cover more than 99.8% of the un-encoded characters.

Answer to Question 7

The variation mark and the ideographic structure characters are not combining characters by ISO10646 definition(4.11). Therefore, no rendering implication applies. Nesting is allowed in the definition of

ideograph description sequence. Again, since the scheme is not a combining scheme, nesting is only used to describe the relative position of components of an un-encoded ideograph. It is possible to describe a given un-encoded ideograph in different ideograph description sequences. But, they are considered different sequences. No equivalent table is given since there is no searching and comparing needed.

Answer to Question 8

Since the scheme gives a sequence no rendering or presentation is needed, the sequences given in the questions are considered different sequences.

Answer to Question 9

This possibility is not proposed yet. We will deal with it when similar proposal is submitted to IRG.