Feature Variations: Conditon Negations

Skef Iterum, Adobe Inc. February 5, 2024

1 Condition Negation Proposal

The first change is that this sub-section is inserted after the current "Condition Table Format 1: Font Variation Axis Range":

Condition Table Format 2: Negated Font Variation Axis Range

The fields in this table after Format are identical to the fields for format 1, and are interpreted the same way. The difference between the formats is that when ever a format 1 condition is true the format 2 condition is false, and vice versa.

Туре	Name	Description
uint16	Format	Format = 2
uint16	AxisIndex	Same as in format 1
F2DOT14	FilterRangeMinValue	Same as in format 1
F2DOT14	FilterRangeMaxValue	Same as in format 1

The second change is that the Condition Value table format is changed from 2 (as it was when added to the working draft) to 3.

Then this is added after that sub-section:

Condition Table Format 4: Negated Condition Value

The fields in this table after Format are identical to the fields for format 3, and are interpreted the same way. The difference between the formats is that when ever a format 3 condition is true the format 4 condition is false, and vice versa.

Type	Name	Description	
uint16	Format	Format = 4	
int16	Default	Same as in format 3	
uint16	DeltaSetOuterIndex	Same as in format 3	
uint16	DeltaSetInnerIndex	Same as in format 3	