

**Title:** Suggestions for future direction of UTR #50

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**Source:** The UTR #50 ad hoc meetings during UTC 132 (ed. by Roozbeh Pournader)

**Live link:** <http://goo.gl/lSy9g>

This document tries to capture a rough agreement among some participants of the UTR #50 ad hoc meetings that happened during the UTC 132 meeting.

It appears that UTC members are interested in a common base for standard and stable interchange of vertical text, and some of them would agree that the following instructions should be used for the future of UTR #50:

1. Scope UTR #50 to provide default rendering for Mixed Vertical Orientation (MVO) text, to serve as a stable default for reliable document interchange. The actual choices for character properties should result in a legible default, but it's acceptable if they're not publishing-material quality.
2. Prioritize rich text environments like HTML/CSS, assuming that high-level protocols will exist to override the default orientation property provided by Unicode (either as a per-instance basis, or with interchangeable profiles). The Unicode-provided properties would be usable to display plain text, although it may not result in best quality.
3. Remove the Stacked Vertical Orientation (SVO) properties from the next draft and replace them with discussions about how one may generally do SVO layout, which may be highly application or style-specific. The draft should acknowledge that this orientations exists, and in this orientation most characters are upright, but there are sometimes some rotation which could be implemented using tailoring.
4. Remove the Horizontal Orientation (HO) properties from the next draft and replace them with discussions about how one may generally do HO layout, with some discussion about Mongolian and Phags-pa. Maintaining a property value is not required in order to have appropriate documentation about how it should work
5. For resolving specific issues, prioritize existing practice in Japan and then other East Asian environments (the Japanese behavior has priority). For characters that have not been used in such environments, consider similarity to existing characters. The properties should reflect the common usage. Distinctions based on existence in legacy character sets are only secondary to such guidelines.
6. Where legacy implementations' default behavior agree on upright or rotated status of particular characters in MVO, those values constitute a reasonable default.
7. In cases of conflict in the working group, UTC should arbitrate.
8. In consideration of the direction of the UTR and the properties specified, prioritize

authoring tools in WYSIWYG environments over authoring tools in traditional plain text editors.

9. The effect of the values such as U and R should be with respect to the orientation of the glyphs in the code charts.
10. Every character should have a default “unambiguous” property defined, so implementations would be able to render a character stream based solely on Unicode property values in case of non-existence of other information.