**Part1: §17.15.1.70, “rsid (Single Session Revision Save ID)”, p. x**

This element specifies the revision save ID that was associated with a single editing session for a document. *An editing session* is a span of time that begins and ends with any event that produces an editable file, such as a save or an e-mail send, and contains no such event. When revision save IDs are added to a document, they shall follow these rules:

* ~~Every editing session shall be assigned a revision save ID that is larger than all earlier ones in the same fileWML document.~~ This was removed early in the discussion. It is ignored by Microsoft Word, which seems to be the only application to use revision save IDs, because, if you follow it, you quickly run out of RSIDs. The reason for this is that, each time you select a new revision save ID at random and limit the subsequent possible values to the number above it, you, on average, halve the number of possible values. Hence, since an RSID has 2 to the power of 32 values, you will on average run out of RSIDs after 32 edits.
* The same revision save ID should not be assigned to two separate editing sessions. [Note: Care should be taken to minimize the chance that two separate editing sessions are assigned the same revision save ID. end note] (The rile and the note are two different rules. The rule is that no revision save IDs already listed in a WML document’s RSIDs element should be reused by that document. The note refers to a different rule, that revision save IDs should be randomly generated because this is the only way to minimize the possibility that the same value will be assigned to new editing sessions in independent branched copies of the same original document.
* ~~Revision save IDs should be randomly generated based on the current time (to minimize the chance that two disparate editing sessions starting with the same immediate predecessor are assigned the same revision save ID)~~
* ~~Applications should assume that the same revision save ID in multiple WML documents refer to the same editing session when these WML documents specify the same rsidRoot value.~~ This is not a rule about the addition of revision save IDs to documents; it is a consequence. It means the same as the first sentence of the final note.
* Changes to document content in an editing session shall be stamped with the current revision save ID using the appropriate rsid\* attributes. -----(All rsid\* attributes in a document, having the same value, indicate regions that were modified during the same editing session. ---The second sentence is not a rule. It should be a note because it is a consequence of two rules: the rule in this paragraph and the rule about non-reuse of revision save iDs.
* ~~An identical rsid value between two documents with the same rsidRoot (§17.15.1.71) shall indicate the same editing sessions.~~ This is not a rule about the addition of revision save IDs to documents. It means the same as the first sentence of the final note.

[*Note*: A revision save ID should be treated as unique within the context of all documents with the same rsidRoot value. Although in practice it is possible for two independent sessions to result in the same value, this outcome is extremely rare ~~as the values are based on the current time. However, tThe meaning of two revision save IDs is not defined for documents with a different rsidRoot. If two documents have different values for rsidRoot (§17.15.1.71), an identical rsid value between the two documents need not indicate the same editing session.~~ (I have deleted all this, apart from the first and last sentences. It is becoming increasingly wrong and confusing because it does not distinguish between a single WML document, a branched WML documents and all WML documents, and it does not mention inheritance in Microsoft Word of revision save IDs from templates which makes it untrue. I advise against any effort to explain the meaning of identical rsid values between documents with different rsidroots because there are multiple possible causes other than random chance.) Applications can use this information as desired. *end note*].

I have rewritten the section as follows.

**Part1: §17.15.1.70, “rsid (Single Session Revision Save ID)”, p. x**

This element specifies the revision save ID that was associated with a single editing session for a document. *An editing session* is a span of time that begins and ends with any event that produces an editable file, such as a save or an e-mail send, and contains no such event. When revision save IDs are added to a document, they shall follow these rules:

* A new editing session shall be assigned a revision save ID that is not already listed in the document’s rsids element (§17.15.1.7x) (to ensure that each one of a document’s editing sessions can be identified).
* New revision save IDs will be generated randomly (to minimize the possibility that the same value is assigned to new editing sessions in branched copies of the same original document).
* Changes to document content in an editing session shall be stamped with the current revision save ID using the appropriate rsid\* attributes.

[Note: An identical rsid value between rsid\* attributes in a document indicates regions that were modified during the same editing session.]

[Note: An identical rsid value between documents with the same rsidRoot (§17.15.1.71) indicates the same editing sessions. Although in practice it is possible for two independent editing sessions to be assigned the same value, this is rare.