Special Translation Modes

For several of the special modes, FlexTalk uses a citation intonation. This intonation pattern treats each word as a separate phrase and pronounces the word as if it was a one word sentence. The default is generic mode, which in itself is not a special translation mode.

The escape sequences are:

\!sb	spell mode begin
\!se	spell mode end
\!mb	math mode begin
\!me	math mode end
\!rb	raw mode begin
\!re	raw mode end
\!pb	proofread mode begin
\!pe	proofread mode end

Raw Mode

Raw mode produces a literal dump of the input text, character by character. For example, Hello world. is translated as "cap, h, e, l, l, o(.) space(.) w, o, r, l, d(.) period(.)". In the previous example, the sequence (.) marks the intonation change denoting an end of sentence.

The raw mode uses the following translation rules:
- every ASCII character (including whitespace and period) is translated,
- all unprintable characters are translated,
- numbers are translated serially,
- embedded escape sequences are translated as well as activated,
- upper case characters are preceded by cap,
- intonation is set to citation.

Spell Mode

Spell mode spells out a section of text. For example Hello world. is translated as "h, e, l, l, o(.) w, o, r, l, d(.) period(.)". In the previous example, the sequence (.) marks the intonation change denoting an end of sentence.

The spell mode uses the following translation rules:

- all words are spelled,
- all numbers are translated serially,
- all punctuation is translated (pronounced as words, such as "period" or "comma"),
- unprintable characters are ignored,
- embedded escape sequences are activated but not translated,
- lower and upper case letters are not distinguished,
- intonation is set to citation.

Proofread Mode

Proofread mode is similar to standard translation mode, except it uses the citation intonation and is more explicit in some cases. For example Hello world. is translated as "hello(.) world(.) period(.)". In the previous example, the sequence (.) marks the intonation change denoting an end of sentence.

The proofread mode uses the following translation rules:

- most words are passed through for pronunciation,
- words with embedded punctuation are spelled out,
- numbers are translated in serial mode,

- all punctuation is translated (pronounced as words, such as "period" or "comma").
- unprintable characters are ignored,
- embedded escape sequences are activated but not translated,
- single upper case letters and upper case letters in acronyms are preceded by cap,
- intonation is set to citation.

Math Mode

In Math Mode all punctuation is expanded and some punctuation is interpreted as mathematical symbols. For example 1+2-3/4=x is translated as "one plus two minus three divided by four equals x". A newline always ends a sentence. A period does not end a sentence, but is expanded as point.