

Bidirectional Text

The `dir` global attribute (including `auto`), `<bdo>/<bdi>`, and the CSS `direction/unicode-bidi` properties are all driven by a real Unicode Bidirectional Algorithm (UAX #9) implementation - per-character reordering of mixed-direction text, not just mirroring whole words.

Plain right-to-left paragraph (`dir="rtl"`)

שלום עולם! זהו טקסט בעברית, והוא זורם מימין לשמאל.

Mixed-direction text and bracket mirroring

The embedded Latin word and version number stay left-to-right within the surrounding Hebrew paragraph, and the parentheses mirror to match the paragraph's own direction - both resolved per character, not per word.

מספר הגרסה של הספרייה (PeachPDF) הוא 0.9.6.

`<bdo>`: forcing a direction override

Normal: Hello, World! Overridden: !dlroW ,olleH

`<bdi>`: isolating unknown-direction content

A right-to-left username embedded directly in a left-to-right sentence can drag the following punctuation/score into the wrong visual position:

אבי: 9 points

Bob: 15 points

`<bdi>` isolates it, so the score always reads correctly regardless of the username's own direction:

אבי: 9 points

Bob: 15 points

`dir="auto"`: detecting direction from content

שלום, זהו טקסט עם `dir="auto"` שמתחיל בעברית - מזוהה אוטומטית כטקסט מימין לשמאל.

Hello, this is text with `dir="auto"` that starts in English - auto-detected as left-to-right.