

## ECMA TR/53

### Handling of bi-directional Texts

#### 2nd edition (June 1992)

This ECMA Technical Report specifies technical means to handle bi-directional text in character-imaging devices in case of:

- texts in a single script of which specific parts need to be presented in an opposite direction (for example, numbers in Arabic or Hebrew);
- texts in different scripts presented in opposite directions (like Latin and Arabic or Latin and Hebrew);
- texts presented with a horizontal line orientation and a top-to-bottom line progression.

Other presentation directions may be the subject of further studies.

The following files are provided in this set of CD-ROMs:

File name	Size (Bytes)	Content
<b>TR-053.PDF</b>	96'531	Acrobat PDF file
<b>TR-053.PSC</b>	614'797	Corresponding PostScript file

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