patibility with PDF documents that may include JavaScript segments to verify a requirement. Before this feature was added, JavaScript was the only way to perform such requirement-checking. The feature ensures that either the JavaScript segment verifies the requirement or a named handler verifies the requirement.

1.2.6 General Features

Additions to PDF 1.7 provide more cross-platform and cross-application stability, by providing encoding information for strings and file names:

- The clarification of string types to describe the encodings used for strings. Throughout the entire PDF Reference, any uses of the string type are replaced with one of the more specific string types. This clarification does not require changes to PDF consumer applications. Instead, it provides a clearer understanding of the encoding supported by each PDF string entry. This understanding can be especially important when comparing strings in a PDF document to strings in an external source, such as an XML document or 3D artwork.
- The ability to specify file names using Unicode in addition to specifying file names using the standard encoding for the platform on which the document is being viewed. This feature reduces problems in decoding file path names that have been encoded on a different platform or in a different language.

1.2.7 PDF Reference Changes

This release of the *PDF Reference* includes clarifications not related to new features or additional capabilities:

- A description of the formulas for all blend modes.
- An explanation of the TaggedPDF representation of nested table of contents entries or list entries.

1.3 Related Publications

PDF and the PostScript page description language share the same underlying Adobe imaging model. A document can be converted straightforwardly between PDF and the PostScript language; the two representations produce the same output when printed. However, PostScript includes a general-purpose programming language framework not present in PDF. The *PostScript Language Reference* is the comprehensive reference for the PostScript language and its imaging model.