

Standard ECMA-149

Portable Common Tool Environment (PCTE) - Abstract Specification

4th edition (December 1997)

This ECMA Standard specifies PCTE in abstract, programming-language-independent, terms. It specifies the interface supported by any conforming implementation as a set of abstract operation specifications, together with the types of their parameters and results. It is supported by a number of standard bindings, i.e. representations of the interface in standard programming languages.

The scope of this ECMA Standard is restricted to a single PCTE installation. It does not specify the means of communication between PCTE installations, nor between a PCTE installation and another system.

A number of features are not completely defined in this ECMA Standard, some freedom being allowed to the implementor. Some of these are implementation limits, for which constraints are defined (see clause 24). The other implementation-dependent and implementation-defined features are specified in the appropriate places in this Standard.

PCTE is an interface to a set of facilities that forms the basis for constructing environments supporting systems engineering projects. These facilities are designed particularly to provide an infrastructure for programs which may be part of such environments. Such programs, which are used as aids to systems development, are often referred to as tools.

ECMA - Standardizing Information and Communication Systems

This ECMA Standard also includes (in annex B) a language standard for the PCTE Data Description Language (DDL), suitable for writing PCTE schema definition sets.

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

File name	Size (Bytes)	Content
E149-V1.PDF	1'054'263	Acrobat PDF file
E149-V1.PSC	7'102'869	Corresponding PostScript file
E149-V2.PDF	957'244	Acrobat PDF file
E149-V2.PSC	6'996'856	Corresponding PostScript file

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