



Information technology — Computer graphics — Programmer's Hierarchical Interactive Graphics System (PHIGS) language bindings —

Part 4:

C

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Infographie — Interfaces langage entre un programme d'application et son support graphique —

Partie 4: C

RECTIFICATIF TECHNIQUE 1

Technical corrigendum 1 to International Standard ISO/IEC 9593-4:1991 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 24, *Computer graphics and image processing*.

Page 30

Subclause 5.3

Pcolor_rep data type, change CIE L*u*v* to be CIELUV.

Page 40

Subclause 5.4

Pcieluv data type, replace the existing data type with the following:

Pcieluv **CIELUV**

```
typedef struct {  
    Pfloat    u_prime;    /* u_prime coefficient */  
    Pfloat    v_prime;    /* v_prime coefficient */  
    Pfloat    y;          /* y (luminance)      */  
} Pcieluv;
```

Page 68

Subclause 5.4

Add the following after the TEXT PRECISION data type:

Ptrunc_meth **TRUNCATION_METHOD**

```
typedef enum {  
    PTRUNC_HEAD,          /* returns head of path */  
    PTRUNC_TAIL           /* returns tail of path */  
} Ptrunc_meth;
```

Page 110

Subclause 7.9

RETRIEVE PATHS TO ANCESTORS, change the third parameter from

```
to    Ppath_order    order,          /* path order          */  
      Ptrunc_meth    trunc_method,    /* truncation method   */
```

RETRIEVE PATHS TO DESCENDANTS, change the third parameter from

```
to    Ppath_order    order,          /* path order          */  
      Ptrunc_meth    trunc_method,    /* truncation method   */
```

Page 151

Subclause 7.12.7

INQUIRE PATHS TO ANCESTORS, change the second parameter from

```
to    Ppath_order    order,          /* path order          */  
      Ptrunc_meth    trunc_method,    /* truncation method   */
```

INQUIRE PATHS TO DESCENDANTS, change the second parameter from

```
to    Ppath_order    order,          /* path order          */  
      Ptrunc_meth    trunc_method,    /* truncation method   */
```

Page 168

Clause A.2

Add the following after the TEXT PRECISION data type:

```
typedef enum {
    PTRUNC_HEAD,          /* returns head of path */
    PTRUNC_TAIL           /* returns tail of path */
} Ptrunc_meth;
```

Page 175

Clause A.2

Pcieluv data type, replace the existing data type with the following:

```
typedef struct {
    Pfloat    u_prime;    /* u_prime coefficient */
    Pfloat    v_prime;    /* v_prime coefficient */
    Pfloat    y;          /* y(luminance) */
}
```

Page 213

Clause A.3

RETRIEVE PATHS TO ANCESTORS, change the third parameter from

```
Ppath_order    order,          /* path order */
to
Ptrunc_meth    trunc_method,    /* truncation method */
```

Page 214

Clause A.3

RETRIEVE PATHS TO DESCENDANTS, change the third parameter from

```
Ppath_order    order,          /* path order */
to
Ptrunc_meth    trunc_method,    /* truncation method */
```