



# 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*.

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#### **Subclause 5.3**

Pcolr\_rep data type, change CIE  $L^*u^*v^*$  to be CIELUV.

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#### 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;
```

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#### 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;
```

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#### 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 */
```

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#### 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 */
```