



**INTERNATIONAL STANDARD ISO/IEC 8824-3:1998**  
**TECHNICAL CORRIGENDUM 3**

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## **Information technology — Abstract Syntax Notation One (ASN.1): Constraint specification**

TECHNICAL CORRIGENDUM 3

*Technologies de l'information — Notation de syntaxe abstraite numéro un (ASN.1): Spécification des contraintes*

RECTIFICATIF TECHNIQUE 3

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INTERNATIONAL STANDARD  
ITU-T RECOMMENDATIONINFORMATION TECHNOLOGY – ABSTRACT SYNTAX NOTATION ONE (ASN.1):  
CONSTRAINT SPECIFICATION

## TECHNICAL CORRIGENDUM 3

## 1) Subclause 10.7

In 10.7, replace the following:

```
AtNotation ::=
    "@" ComponentIdList |
    "@." ComponentIdList
```

with:

```
AtNotation ::=
    "@" ComponentIdList |
    "@." Level ComponentIdList
Level ::= "." Level | empty
```

## 2) Subclause 10.10 iTeh STANDARD PREVIEW

In 10.10 b), replace the text with the following:

- b) if the second alternative of "AtNotation" is selected (there is a "." following the "@"), then the parent structure is obtained by moving upwards from the innermost textually enclosing set type or sequence type by a number of levels (set, set-of, sequence, sequence-of, choice) equal to the number of additional "." following "@.". The number of additional "." shall not exceed the number of constructions (set, set-of, sequence, sequence-of, choice) containing the innermost set or sequence type where the AtNotation occurs.

Replace the Note with the following:

NOTE – The "AtNotation" is only permitted when it is textually within a set type or sequence type, and references some other field which is textually within the same set or sequence type, though possibly at a different level of nesting in constructions involving combination of sequence, sequence-of, set, set-of and choice types.

Replace the Example with the following:

**Example**

In the following example "@.." illustrates case b) above:

```
ErrorMessage ::= SEQUENCE {
    severity ERROR.&severity({Errors}),
    parameters SEQUENCE OF SEQUENCE {
        errorId ERROR.&id({Errors}),
        data SEQUENCE OF SEQUENCE {
            value ERROR.&Type({Errors}){@severity}@..errorId},
            text VisibleString}}}
```