

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2020/01/16
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Correction Number	CP-1924
Log Summary:	PS3.18 Section 5.1.1 does not have a definition for NON-ZERO-DIGIT
Name of Standard	PS3.18 2019e
Rationale for Correction:	Add missing production to Section 5.1.1
Correction Wording:	

Update PS3.18 Section 5.1.1 as follows:

5.1.1 Common Syntactic Rules for Data Types

Table 5.1-1 defines the syntax of some common rules used in defining data values in PS3.18.

Table 5.1-1. ABNF for Common Syntactic Values

Name	Rule
int	= [+ / -] 1*DIGIT ; An integer
uint	= 1*DIGIT ; An unsigned integer
non-zero-digit	= %31-39
pos-int	= NON-ZERO-DIGIT <u>non-zero-digit</u> *DIGIT ; An integer greater than zero
decimal	= int ["." uint] [("E" / "e") int] ; a fixed- or floating-point number with at most 16 characters
string	= %s 1*QCHAR ; A case sensitive string
base64	; Use base64 defined in [RFC4648] < https://tools.ietf.org/html/rfc4648#section-5 >
uid	= uid-root 1*("." uid-part)
uid-root	= "0" / "1" / "2"
uid-part	= "0" / pos-int