

Data types

Text	<ul style="list-style-type: none">• <i>xsd:string</i>• Text in menschlicher Sprache <pre>anychar = %x09-10FFFF ; but not banned, as with all ABNF rules Text = *anychar</pre>
Integer	<ul style="list-style-type: none">• <i>xsd:nonNegativeInteger</i>• Nicht-leere Sequenz von ASCII Dezimalzahlen <pre>Integer = 1*digit</pre>
Enumeration	<ul style="list-style-type: none">• <i>g7:type-Enum</i>• String-Repräsentation einer Auswahl von Optionen <pre>Enum = Tag</pre>
Date	<ul style="list-style-type: none">• Datentyp um Datum zu speichern <pre>DateValue = date / DatePeriod / dateRange / dateApprox / "" DateExact = day D month D year ; in Gregorian calendar DatePeriod = %s"FROM" D date [D %s"TO" D date] / %s"TO" D date / "" date = [calendar D] [[day D] month D] year [D epoch] dateRange = %s"BET" D date D %s"AND" D date / %s"AFT" D date / %s"BEF" D date dateApprox = (%s"ABT" / %s"CAL" / %s"EST") D date dateRestrict = %s"FROM" / %s"TO" / %s"BET" / %s"AND" / %s"BEF" / %s"AFT" / %s"ABT" / %s"CAL" / %s"EST" / %s"BCE" calendar = %s"GREGORIAN" / %s"JULIAN" / %s"FRENCH_R" / %s"HEBREW" / extTag day = Integer year = Integer month = stdTag / extTag ; constrained by calendar epoch = %s"BCE" / extTag ; constrained by calendar</pre>
Time	<ul style="list-style-type: none">• Uhrzeit auf einer 24-Stunden Uhr <pre>Time = hour ":" minute [":" second ["." fraction]] [%s"Z"] hour = digit / ("0" / "1") digit / "2" ("0" / "1" / "2" / "3") minute = ("0" / "1" / "2" / "3" / "4" / "5") digit second = ("0" / "1" / "2" / "3" / "4" / "5") digit fraction = 1*digit</pre>

Age	<ul style="list-style-type: none"> • <i>g7:type-Age</i> • Alter repräsentiert in Anzahl der Jahre, Monate, Wochen und Tagen <pre> Age = [ageBound D] ageDuration ageBound = "<" / ">" ageDuration = years [D months] [D weeks] [D days] / months [D weeks] [D days] / weeks [D days] / days years = Integer %x79 ; 35y months = Integer %x6D ; 11m weeks = Integer %x77 ; 8w days = Integer %x64 ; 21d </pre>
List	<ul style="list-style-type: none"> • <i>g7:type-List#Text</i> • <i>g7:type-List#Enmu</i> <pre> List = listItem *(listDelim listItem) listItem = "" / nocommasp / nocommasp *nocomma nocommasp listDelim = *D ", " *D nocomma = %x09-2B / %x2D-10FFFF nocommasp = %x09-1D / %x21-2B / %x2D-10FFFF List-Text = List List-Enum = Enum *(listDelim Enum) </pre>
Personal Name	<ul style="list-style-type: none"> • <i>g7:type – Name</i> <pre> PersonalName = nameStr / [nameStr] "/" [nameStr] "/" [nameStr] nameChar = %x20-2E / %x30-10FFFF ; any but '/' and '\t' nameStr = 1*nameChar </pre>
Language	<ul style="list-style-type: none"> • <i>xsd:Language</i> • Menschliche oder familienzugehörige Sprachen

Media type	<ul style="list-style-type: none"> Kodierte Informationen in Bytes oder Character <pre> MediaType = mt-type "/" mt-subtype *(";" mt-parameter) mt-type = mt-token mt-subtype = mt-token mt-parameter = mt-attribute "=" mt-value mt-token = 1*mt-char mt-attribute = mt-token mt-value = mt-token / quoted-string mt-char = %x20-21 / %x23-27 / %x2A-2B / %x2D-2E ; not "(),/ / %x30-39 / %x41-5A / %x5E-7E ; not :;<=>?@[\\] mt-qstring = %x22 *(mt-qtext / mt-qpair) %x22 mt-qtext = %x09-0A / %x20-21 / %x23-5B / %x5D-7E ; not CR "\ mt-qpair = "\" %x09-7E </pre>
Special	<ul style="list-style-type: none"> <i>xsd:string</i> Spezial-Datentyp für bestimmte Anwendungsfälle → ist unique für jede structure <pre> Special = Text </pre>