(2009.9.9 Soon-Bum Lim)

1. Two versions are prepared for RelaxNG interchange format of 2.9.1.2 clause.

One is considering B.1.8.2 clause, i.e., t1gpprp is replace with gpprops.

Second code does not consider B.1.8.2 clause, i.e., t1gpprp is not replaced.

1. Some elements should be discussed more. (The element name is colored in red)
* strucnm, code, card
1. Some data types should be discussed more. (The data type is colored in red)
* relr, ratl
* xsd:int, xsd:string, xsd:boolean

# 2.9.1.2 RelaxNG interchange format

# (B.1.8.2 clause is applied, i.e, t1gpprp is replaced) ---------------

#

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# in any form is granted for use with conforming RelaxNG Compact syntax as

# defined in ISO/IEC 19757; provided this notice is included in all copies.

start = element tlshapes { tlnamtbl?, tlgenprp, tlcolprp, **gpprops** }

tlnamtbl = element tlnamtbl { prefix , **strucnm** } # Name Prefix Table

 # see global name note at the end of this clause

prefix = element prefix { **code** } # Name Prefix Index

tlgenprp = element tlgenprp { password ? & painttyp & uniqueid? }

# General Prop List

password = element password { xsd:int } # Password

painttyp = element painttyp { xsd:int } # PaintType

uniqueid = element uniqueid { glbname } # UniqueID

tlcolprp = element tlcolprp { bluevals & othrblue? & famblue? & famoblue? &

bluescal? & blueshft? & bluefuzz? & stemwdth? } # Typographic color props

bluevals = element bluevals { (xsd:int, xsd:int)\* } # BlueValues, Maximum of 7

famblue = element famblue { (xsd:int, xsd:int)\* } # FamilyBlues, Maximum of 7

othrblue = element othrblue { (xsd:int, xsd:int)\* } # OtherBlues, Maximum of 5

famoblue = element famoblue { (xsd:int, xsd:int)\* } # FamilyOtherBlues, Maximum of 5

bluescal = element bluescal { **relr** } # BlueScale

blueshft = element blueshft { xsd:int } # BlueShift

bluefuzz = element bluefuzz { xsd:int } # BlueFuzz

stemwdth = element stemwdth { stdhw? & stdvw? & stemsnph ? & stemsnpv? & forcebld? &

 langgrp? } # Stem Width Properties

stdhw = element stdhw { **ratl** } # Standard Horizontal Widths

stdvw = element stdvw { ratl } # Standard Vertical Widths

stemsnph = element stemsnph { ratl\* } # Horizontal Stem Snap

stemsnpv = element stemsnpv { ratl\* } # Vertical Stem Snap

forcebld = element forcebld { xsd:boolean } # ForceBold

langgrp = element langgrp { **card** } # LanguageGroup

gpprops = element gpprops { glncrpt? & leniv? & accenlst? & subrs? & glplists? &

 minfetur & rndstmup } # GlyphProc Properties

glncrpt = element glncrpt { xsd:boolean } # glyphencrypt Property

leniv = element leniv { card } # 1enIV

accenlst = element accenlst { accentpr\* } # AccentEncoding

accentpr = element accentpr { accindx, glyphid } # AccentComponentIndex/GlyphID

accindx = element accindx { xsd:int } # Accent Component Index

subrs = element subrs { glyphprc+ } # Subroutines

glplist = element glplist { glprocpr\* } # Glyph Procedures List

glprocpr = element glprocpr { glyphid, glyphprc } # GlyphID/Glyph Procedure Pair

glyphid = element glyphid { glbname } # GlyphID, see ISO/IEC9541-1:1991

glyphprc = element glyphprc { xsd:string } # Glyph Procedure

glbname = element glbname { (prefix?, **strucnm**)+ } # Global Name

 # see global name note at the end of this clause

minfetur = element minfetur { xsd:int, xsd:int } # MINFEATURE "16,16"

rndstmup = element rndstmup { xsd:boolean } # ROUNDSTEMUP "false"

# 2.9.1.2 RelaxNG interchange format

# (B.1.8.2 clause is not applied, i.e, t1gpprp is not replaced) ---------------

#

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# in any form is granted for use with conforming RelaxNG Compact syntax as

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t1shapes = element tlshapes { tlnamtbl?, tlgenprp, tlcolprp, **t1gpprp** }

tlnamtbl = element tlnamtbl { prefix , **strucnm** } # Name Prefix Table

 # see global name note at the end of this clause

prefix = element prefix { **code** } # Name Prefix Index

tlgenprp = element tlgenprp { password ? & painttyp & uniqueid? }

# General Prop List

password = element password { xsd:int } # Password

painttyp = element painttyp { xsd:int } # PaintType

uniqueid = element uniqueid { glbname } # UniqueID

tlcolprp = element tlcolprp { bluevals & othrblue? & famblue? & famoblue? &

bluescal? & blueshft? & bluefuzz? & stemwdth? } # Typographic color props

bluevals = element bluevals { (xsd:int, xsd:int)\* } # BlueValues, Maximum of 7

famblue = element famblue { (xsd:int, xsd:int)\* } # FamilyBlues, Maximum of 7

othrblue = element othrblue { (xsd:int, xsd:int)\* } # OtherBlues, Maximum of 5

famoblue = element famoblue { (xsd:int, xsd:int)\* } # FamilyOtherBlues, Maximum of 5

bluescal = element bluescal { **relr** } # BlueScale

blueshft = element blueshft { xsd:int } # BlueShift

bluefuzz = element bluefuzz { xsd:int } # BlueFuzz

stemwdth = element stemwdth { stdhw? & stdvw? & stemsnph ? & stemsnpv? & forcebld? &

 langgrp? } # Stem Width Properties

stdhw = element stdhw { **ratl** } # Standard Horizontal Widths

stdvw = element stdvw { ratl } # Standard Vertical Widths

stemsnph = element stemsnph { ratl\* } # Horizontal Stem Snap

stemsnpv = element stemsnpv { ratl\* } # Vertical Stem Snap

forcebld = element forcebld { xsd:boolean } # ForceBold

langgrp = element langgrp { **card** } # LanguageGroup

t1gpprp = element t1gpprp { glncrpt? & leniv? & accenlst? & subrs? & glplists? }

 # GlyphProc Properties

glncrpt = element glncrpt { xsd:boolean } # glyphencrypt Property

leniv = element leniv { card } # 1enIV

accenlst = element accenlst { accentpr\* } # AccentEncoding

accentpr = element accentpr { accindx, glyphid } # AccentComponentIndex/GlyphID

accindx = element accindx { xsd:int } # Accent Component Index

subrs = element subrs { glyphprc+ } # Subroutines

glplist = element glplist { glprocpr\* } # Glyph Procedures List

glprocpr = element glprocpr { glyphid, glyphprc } # GlyphID/Glyph Procedure Pair

glyphid = element glyphid { glbname } # GlyphID, see ISO/IEC9541-1:1991

glyphprc = element glyphprc { xsd:string } # Glyph Procedure

glbname = element glbname { (prefix?, **strucnm**)+ } # Global Name

 # see global name note at the end of this clause