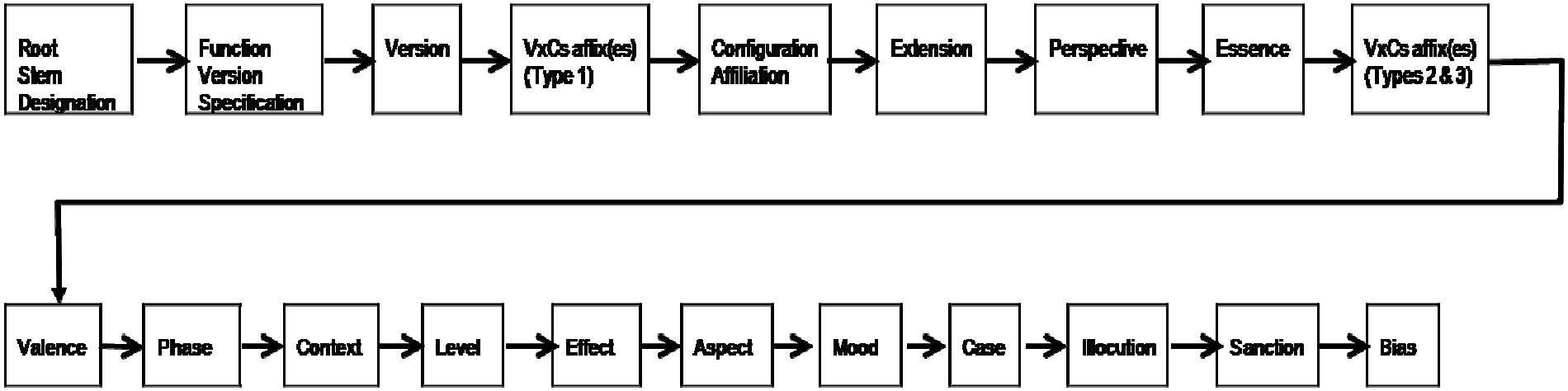
PREVIEW OF TENTATIVE MORPHO-PHONOLOGY RE-DESIGN FOR FORTHCOMING Version 0.5

The recent online discussion of the hierarchical scoping sequence of morphological formatives in the forthcoming Ithkuil successor language has convinced me that the formative's sequential slot structure should match such a hierarchical sequence as closely as possible. The scoping sequence for formatives in the new language is tentatively established as follows:



As a result, I have created the following new design, which is a radical departure from previous designs. (Note that "C_A" now only refers to an Aspect affix.)

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XIV
' / h	**V_R**	**C_R**	**($V_X C_S$...)**	**V_N**	**(')**	**(w/yV_T)***	**(C_V**	**$V_P/V_L/V_E/V_A$)**	**C_C**	**C_A**	**C_M**	**$V_X C_S$...**	**V_C / (V_I**	**(C_B))**	stress
Version	Specifica-tion + Function + Stem	Root	Type 1 VxCs affixes	Configur-ation + Affiliation	Essence	Extension + Perspective	Valence	Phase **or** Level **or** Effect **or** Aspect	Context	Aspect	Mood	VxCs...	Case **or** Illocution + Sanction	Bias	Desig-nation
	vocalic infix see Table A below		See Table B below	vocalic infix see Table C Below	+/- glottal stop (can alternately be placed between **V_X** & **C_S** in Slot IV **$V_X C_S$** affix)	24 vowels preceded by **w-** or **y-** see Table D Below	[zero] / -kt- -gd- -pt- -bd- -tk- -dg- -pk- -bg- -kp- -gb- -tp- -db-	Modular Slot see Tables E1 through E3 and Table G below for vowel infixes	cons. infix see Table F below	cons. infix see Table G below	[none] l r w geminated gem. + l gem. + r gem. + w y	Type 2 (or 3) VxCs affixes	vocalic infix see Table H		IFL = word-initial stress FML = ultimate stress

*If Slot IV is filled, Slot VII must be filled (the **w-**/**y-** prefix beginning Slot VII signals both the presence and termination of Slot IV affixes).

Table A: V_R Infixes — 3 Stems x 2 Functions x 9 Specificatons

		STEM 1		STEM 2		STEM 3	
		STA	DYN	STA	DYN	STA	DYN
SPECIFICATION	BASIC	(a)	ai	ia	aì	ao	ae
	CONTENT	e	ei	ie	eì	eo	eë
	CONSTITUTIVE	o	oi	io	oì	oa	oë
	OBJECTIVE	u	ui	iö	öì	oe	uë
	FACILITATIVE	i	ëi	ië	ëì	ea	ëu
	FOUNDATIONAL	ü	iu	uö	öù	öe	üö
	INTENTIVE	ö	ou	uo	où	öa	üo
	EXPERIENTIAL	ë	eu	ue	eù	eö	üe
	PREREQUISITIVE	ä	au	ua	aù	aö	üa

Table B: V_X Infixes

degree	Type 1	Type 2	Type 3
1	a	ai	ia / aì
2	e	ei	ie / eì
3	o	oi	io / oì
4	u	ui	iö / öì
5	i	ëi	ië / ëì
6	ü	iu	uö / öù
7	ö	ou	uo / où
8	ë	eu	ue / eù
9	ä	au	ua / aù
0	ae	ëu	uë / ëù

Type 1: circumstantial

Type 2: derivational

Type 3: applies to previous V_XC_S affix only (or following affix if there are only two)

Degree 0: unspecified degree

Table C: V_N Infixes — V9 Configurations x 4 Affiliations

	CSL	ASO	VAR	COA
UNI	a	ai	ia	ao
DCT	e	ei	ie	eo
SEG	o	oi	io	oa
COH	u	ui	iö	oe
MLT	i	ëi	ië	ea
CST	ü	iu	uö	öe
CPN	ö	ou	uo	öa
AGG	ë	eu	ue	eö
DPX	ä	au	ua	aö

Table D: V_T Infixes — 6 Extensions x 4 Perspectives

	M	P	N	A
DEL	(a)	e	o	u
PRX	ä	ë	ö	i
ICP	ai	ei	oi	ui
ATV	au	eu	ou	iu
GRA	ia / ua	ie / ue	io / uo	iö / uö
DPL	ae	ea	oa	oe

Tables E1, E2, & E3: V_P, V_E, & V_L Infixes — 9 Phases, 10 Effects, 9(x2) Levels

PHASE V_P	
CTX	(a)
PCT	e
ITR	o
REP	u
ITM	i
RCT	ü
FRE	ö
FRG	ë
FLC	ä

EFFECT V_E	
NEUTRAL	[zero]
1 / BEN	ai
2 / BEN	ei
3 / BEN	oi
all / BEN	ui
unknown	ëi
all / DET	iu
3 / DET	ou
2 / DET	eu
1 / DET	au

LEVEL V_L		
	Relative	Absolute
MIN	wai	yai
SBE	wei	yei
IFR	woi	yoi
DFC	wui	yui
EQU	wëi	yëu
SUR	wiu	yiu
SPL	wou	you
SPQ	weu	yeu
MAX	wau	yau

Table F: C_C Infixes — 4 Contexts

CONTEXT C_C		
EXS	[zero] / s [1]	
FNC	l	
RPS	r	
AMG	n (m) [2]	

[1] EXS value is zero unless Slots XI and XII are empty, in which case it is -**s**-.

[2] AMG value is -**m**- before **p**, **b**, **f**, or **v**; -**n**- elsewhere.

Table G: V_A and C_A Infixes — Aspect

		V_A	C_A
RTR	RETROSPECTIVE	wa	p
PRS	PROSPECTIVE	we	t
HAB	HABITUAL	wo	k
PRG	PROGRESSIVE	wu	f
IMM	IMMINENT	wi	x (ç)*
PCS	PRECESSIVE	wü	ţ
REG	REGULATIVE	wö	g
ATC	ANTECEDENT	wë	d
ATP	ANTICIPATORY	wä	b

		V_A	C_A
RSM	RESUMPTIVE	ya	sp
CSS	CESSATIVE	ye	st
PAU	PAUSAL	yo	sk
RGR	REGRESSIVE	yu	sf
PCL	PRECLUSIVE	yi	z
CNT	CONTINUATIVE	yü	sţ
ICS	INCESSATIVE	yö	zg
SMM	SUMMATIVE	yë	zd
IRP	INTERRUPTIVE	yä	zb

		V_A	C_A
PMP	PREEMPTIVE	ai	šp
CLM	CLIMACTIC	ei	št
DLT	DILATORY	oi	šk
TMP	TEMPORARY	ui	šf
MTV	MOTIVE	ëi	š
SQN	SEQUENTIAL	iu	šţ
EPD	EXPEDITIVE	ou	žg
PTC	PROTRACTIVE	eu	žd
PPR	PREPARATORY	au	žb

		V_A	C_A
DCL	DISCLUSIVE	ia	fp
CCL	CONCLUSIVE	ie	ft
CUL	CULMINATIVE	io	fk
IMD	INTERMEDIATIVE	iö	v
TRD	TARDATIVE	ië	ž
TNS	TRANSITIONAL	uö	ḍ
ITC	INTERCOMMUTATIVE	uo	vg
CSM	CONSUMPTIVE	ue	vd
LIM	LIMITATIVE	ua	vb

* When followed by a C_M value of -**y**- in Slot XIII, the Slot XII IMM C_A value becomes -**ç**- (and the -**y**- in Slot XIII is elided).

Table H: V_I Infixes — 9 Illocutions x 9 Sanctions

	PPS	EPI	ALG	IPU	RFU	REB	CJT	EXV	AXM
CNF	(ae) / a'ya*	a'ye	a'yo	a'yu	a'wi	a'wu	a'wo	a'we	a'wa
INF	e'ya	e'ye	e'yo	e'yu	e'wi	e'wu	e'wo	e'we	e'wa
ITU	o'ya	o'ye	o'yo	o'yu	o'wi	o'wu	o'wo	o'we	o'wa
REV	u'ya	u'ye	u'yo	u'yu	u'wi	u'wu	u'wo	u'we	u'wa
HSY	i' ya	i'ye	i'yo	i'yu	i'wi	i'wu	i'wo	i'we	i' wa
USP	ü'ya	ü'ye	ü'yo	ü'yu	ü'wi	ü'wu	ü'wo	ü'we	ü'wa
DIR	ö'ya	ö'ye	ö'yo	ö'yu	ö'wi	ö'wu	ö'wo	ö'we	ö'wa
IRG	ë'ya	ë'ye	ë'yo	ë'yu	ë'wi	ë'wu	ë'wo	ë'we	ë'wa
DEC	ä'ya	ä'ye	ä'yo	ä'yu	ä'wi	ä'wu	ä'wo	ä'we	ä'wa

* The CNF/PPS affix is -**ae** (which is elided if phonotactically permissible), unless it is followed by a Bias suffix, in which case it is -**a'ya**-.

NOTE: I am eliminating the new POTENTIATIVE illocution: instead use USP illocution in conjunction with an appropriate modality affix indicating a hope/wish/desire/hortative, etc.

ALSO: It is probably easier to think of the $\mathbf{V_I}$ affix as comprising two separate affixes existing in one Slot. The nine Illocution affixes are simply the nine "standard" vocalic affixes (as used in Type 1 suffixes, the first 9 cases, etc.); this affix is then followed by one of nine Sanction affixes ('ya - 'ye - 'yo - 'yu - 'wi - 'wu - 'wo - 'we - 'wa) whose pattern likewise mirrors standard affix patterns.

INCORPORATED STEMS

I will be working on trying to utilize Slot IV of the above scheme so that incorporated stems are simply a kind of $\mathbf{V_XC_S}$ affix, using specialized $\mathbf{V_X}$ infixes, rather than having to have a separate formative structure. However, I have not yet worked out the details and am not yet certain it will work. If not, a separate formative structure will be necessary for incorporated stems.

ADJUNCTS

I have not yet looked at how adjuncts will have to change to work with this new scheme.

ADVANTAGES OF THIS NEW FORMATIVE SCHEME:

- Sequential order of morphemes follows fairly closely the hierarchical order of scope of each morphological category (only Slot XIII is significantly out of sequence, while FML Designation is shown by ultimate syllabic stress).
- Eliminates need for six $\mathbf{V_XC_S}$ affix-types; only three types will be needed, as $\mathbf{V_XC_S}$ affixes applied to the stem only (i.e., before the application of configuration/affiliation/extension/perspective) will go in Slot IV, while those subsequent to the application of those categories will go in Slot XII.
- Eliminates need for specialized $\mathbf{V_X}$ values for use in "$\mathbf{C_A}$ stacking"; instead, each of the previous version's $\mathbf{C_A}$ parameters will have associated $\mathbf{V_XC_S}$ affixes which can be placed as needed in Slot XIII.
- A formative will now overtly indicate whether it is a nominal vs. verbal formative, via the presence or absence of a Mood affix in Slot XII (i.e., FAC Mood will now be overtly marked rather than zero-marked).
- Case and Illocution are now mutually exclusive and marked in the same Slot (Slot XIV). Being a discourse-level categories, both Illocution and Sanction will now appear only on the main (unframed) verb of the sentence; nouns and framed verbs will show Case in this Slot rather than Illocution or Sanction.
- The category of Relation will be eliminated as it is no longer necessary; verbs will always be distinguishable from nouns by the presence of a Mood morpheme in Slot XII, and framed verbs will always be distinguishable from unframed verbs by the presence of a Case affix in Slot XIV rather than an Illocution+Sanction affix (which have a different phonological format than Case affixes).
- Due to phonological structure of the Illocution+Sanction affix in Slot XIV, it will now be possible to re-introduce Ithkuil-style Bias affixes at the end of unframed verbs in Slot XV.

—JQ