FIRST LAYER: IEML PRIMITIVES

<table>
<tr><th>complete type</th><th>existential types</th><th>functional types</th><th>primitive elements</th></tr>
<tr><td rowspan="6">*I:**
primitive information (complete set of primitives)</td><td>*E:**
empty type primitive</td><td></td><td></td></tr>
<tr><td rowspan="5">*F:**
full type primitives</td><td rowspan="2">*O:**
verb type primitives</td><td>*U:**
virtualize</td></tr>
<tr><td>*A:**
actualize</td></tr>
<tr><td rowspan="3">*M:**
noun type primitives</td><td>*S:**
sign</td></tr>
<tr><td>*B:**
being</td></tr>
<tr><td>*T:**
thing</td></tr>
</table>

SECOND LAYER: IEML EVENTS AND LOWER CASE ALPHABET

complete type (compact expression)	existential types (compact expressions)	functional type (compact expressions)	sub-types (integral expressions)	sub-types (compact expressions)	flows descriptors	flows (integral expression)	flows (compact expression)
*I˜.** second layer information (complete set of events)	*E:. ** empty type event					*E:E:. **	
	*F˜.** full type events	*O˜. ** verb type events	*O:E:. ** empty destination verb	* O:. **	virtualize event	*U:E:. **	*U:. **
					actualize event	*A:E:. **	*A:. **
			* O:O:. ** energies	* O!. **	generate possible	*U:U:. **	*wo. **
					operate	*U:A:. **	*wa. **
					perceive	*A:U:.**	*wu. **
					reconstitute	*A:A:.**	*we. **
			* O:M:. ** acts		know	*U:S:. **	*y. **
					want	*U:B:. **	*o. **
					can	*U:T:. **	*e. **
					express	*A:S:. **	*u. **
					commit	*A:B:. **	*a. **
					do	*A:T:. **	*i. **
		*M˜.** noun type events	*M:E:.** empty destination noun	*M:.**	sign event	*S:E:. **	*S:. **
					being event	*B:E:. **	*B:. **
					thing event	*T:E:. **	*T:. **
			*M:O:.** mutations		signifier mutation	*S:U:. **	*j. **
					document mutation	*S:A:. **	*g. **
					meaning mutation	*B:U:. **	*h. **
					personal mutation	*B:A:. **	*c. **
					referent mutation	*T:U:. **	*p. **
					material mutation	*T:A:. **	*x. **
			*M:M:.** entities	*M!. **	thought	*S:S:. **	*s. **
					language	*S:B:. **	*b. **
					memory	*S:T:. **	*t. **
					society	*B:S:. **	*k. **
					affect	*B:B:. **	*m. **
					world	*B:T:. **	*n. **
					truth	*T:S:. **	*d. **
					life	*T:B:. **	*f. **
					space	*T:T:. **	*l. **

THIRD LAYER: IEML RELATIONS

complete type	existential types (compact expressions)	functional type (compact expressions)	sub-types (compact expressions)	functional category descriptors	functional categories (integral expressions)	functional categories (compact expressions)	functional categories (compact - tokens and lower-case - expressions)
*I~- ** 3rd layer information (complete set of relations)	*E:.- ** empty type relation				*E:E:.E:E:.- **		
	*F~- ** full type relations	*O~- ** verb type relations	*O~.- **	empty destination verb type relations	*O:E:.E:E:.- **	*O:.- **	*(U:.|A:.).- **
					*O:O:.E:E:.- **	*O!.- **	*(wo.|wa.|wu.|we.).- **
					*O:M:.E:E:.- **	*O:M:.- **	*(y.|o.|e.|u.|a.|i.).- **
			*O~.O~.- **	life stages	*O:O:.O:O:.- **	*O!!- **	*(wo.|wa.|wu.|we.)!- **
				behavior	*O:O:.O:M:.- **	*O!.O:M:.- **	*(wo.|wa.|wu.|we.).(y.|o.|e.|u.|a.|i.).- **
				empowerment	*O:M:.O:O:.- **	*O:M:.O!.- **	*(y.|o.|e.|u.|a.|i.).(wo.|wa.|wu.|we.).- **
				performative acts	*O:M:.O:M:.- **	*O:M:!- **	*(y.|o.|e.|u.|a.|i.)!- **
			*O~.M~.- **	governance	*O:O:.M:O:.- **	*O!.M:O:.- **	*(wo.|wa.|wu.|we.).(j.|g.|h.|c.|p.|x.).- **
				roots of actions	*O:O:.M:M:.- **	*O!.M!.- **	*(wo.|wa.|wu.|we.).(s.|b.|t.|k.|m.|n.|d.|f.|l.).- **
				production	*O:M:.M:O:.- **		*(y.|o.|e.|u.|a.|i.).(j.|g.|h.|c.|p.|x.).- **
				obstacles	*O:M:.M:M:.- **	*O:M:.M!.- **	*(y.|o.|e.|u.|a.|i.).(s.|b.|t.|k.|m.|n.|d.|f.|l.).- **
		*M~- ** noun type relations	*M~.- **	empty destination noun type relations	*M:E:.E:E:.- **	*M:.- **	*(S:.|B:.|T:.).- **
					*M:O:.E:E:.- **	*M:O:.- **	*(j.|g.|h.|c.|p.|x.).- **
					*M:M:.E:E:.-.- **	*M!.- **	*(s.|b.|t.|k.|m.|n.|d.|f.|l.).- **
			*M~.O~.- **	impermanence	*M:O:.O:O:.- **	*M:O:.O!.- **	*(j.|g.|h.|c.|p.|x.).(wo.|wa.|wu.|we.).- **
				determination	*M:O:.O:M:.- **		*(j.|g.|h.|c.|p.|x.).(y.|o.|e.|u.|a.|i.).- **
				sources of meaning	*M:M:.O:O:.- **	*M!.O!.- **	*(s.|b.|t.|k.|m.|n.|d.|f.|l.).(wo.|wa.|wu.|we.).- **
				human development	*M:M:.O:M:.- **	*M!.O:M:.- **	*(s.|b.|t.|k.|m.|n.|d.|f.|l.).(y.|o.|e.|u.|a.|i.).- **
			*M~.M~.- **	transformation	*M:O:.M:O:.- **	*M:O:!- **	*(j.|g.|h.|c.|p.|x.)!- **
				trials	*M:O:.M:M:.- **	*M:O:.M!.- **	*(j.|g.|h.|c.|p.|x.).(s.|b.|t.|k.|m.|n.|d.|f.|l.).- **
				creation	*M:M:.M:O:.- **	*M!.M:O:.- **	*(s.|b.|t.|k.|m.|n.|d.|f.|l.).(j.|g.|h.|c.|p.|x.).- **
				natural	*M:M:.M:M:.- **	*M!!- **	*(s.|b.|t.|k.|m.|n.|d.|f.|l.)!- **

FOURTH LAYER: IEML IDEAS

COMPACT EXPRESSIONS

4th layer information	existential types	functional type	grammatical types of ideas	subtypes	token expressions of subtypes
* I~~~' ** complete set of ideas	* E:.-' ** empty idea				
	* F~~~' ** full ideas	* O~~~' ** verb type ideas	empty destination	* O~~-' **	* (U~~-'|A~~-')' **
			root' (empty translator)	* O~~-O~~-' **	* (U~~-|A~~-)-(U~~-|A~~-)-' **
				* O~~-M~~-' **	* (U~~-|A~~-)-(S~~-|B~~-|T~~-)-' **
			inflected' (full translator)	* O~~-O~~-O~~-' **	* (U~~-|A~~-)-(U~~-|A~~-)- (U~~-|A~~-)-' **
				* O~~-O~~-M~~-' **	* (U~~-|A~~-)-(U~~-|A~~-)- (S~~-|B~~-|T~~-)-' **
				* O~~-M~~-O~~-' **	* (U~~-|A~~-)-(S~~-|B~~-|T~~-)-(U~~-|A~~-)-' **
				* O~~-M~~-M~~-' **	* (U~~-|A~~-)-(S~~-|B~~-|T~~-)-(S~~-|B~~-|T~~-)-' **
		* M~~~' ** noun type ideas	empty destination	* M~~-' **	* (S~~-'|B~~-'|T~~-')' **
			root' (empty translator)	* M~~-O~~-' **	* (S~~-|B~~-|T~~-)-(U~~-|A~~-)-' **
				* M~~-M~~-' **	* (S~~-|B~~-|T~~-)-(S~~-|B~~-|T~~-)-' **
			inflected' (full translator)	* M~~-O~~-O~~-' **	* (S~~-|B~~-|T~~-)-(U~~-|A~~-)-(U~~-|A~~-)-' **
				* M~~-O~~-M~~-' **	* (S~~-|B~~-|T~~-)-(U~~-|A~~-)-(S~~-|B~~-|T~~-)-' **
				* M~~-M~~-O~~-' **	* (S~~-|B~~-|T~~-)-(S~~-|B~~-|T~~-)-(U~~-|A~~-)-' **
				* M~~-M~~-M~~-' **	* (S~~-|B~~-|T~~-)-(S~~-|B~~-|T~~-)-(S~~-|B~~-|T~~-)-' **

FIFTH LAYER : IEML PHRASES

COMPACT EXPRESSIONS

complete type	existential types	functional types	grammatical roles of the sub-expressions	subtypes	token expressions of subtypes
* I~~~~, ** 5th layer information (complete set of phrases)	* E:.-', ** empty phrase				
	* F~~~~, ** full phrases	* O~~~~, ** verb type phrases *performances,*	*action'*	* O~~~', **	* (U~~~',|A~~~',), **
			action' *object'*	* O~~~' O~~~', **	* (U~~~'|A~~~')' (U~~~'|A~~~')', **
				* O~~~' M~~~', **	* (U~~~'|A~~~')' (S~~~'|B~~~'|T~~~')', **
			action' *object'* *actant'*	* O~~~' O~~~' O~~~', **	* (U~~~'|A~~~')' (U~~~'|A~~~')' (U~~~'|A~~~')', **
				* O~~~' O~~~' M~~~', **	* (U~~~'|A~~~')' (U~~~'|A~~~')' (S~~~'|B~~~'|T~~~')', **
				* O~~~' M~~~' O~~~', **	* (U~~~'|A~~~')' (S~~~'|B~~~'|T~~~')'(U~~~'|A~~~')', **
				* O~~~' M~~~' M~~~', **	* (U~~~'|A~~~')' (S~~~'|B~~~'|T~~~')'(S~~~'|B~~~'|T~~~')', **
		*M~~~~, ** noun type phrases *propositions,*	*subject'*	* M~~~', **	* (S~~~',|B~~~',|T~~~',), **
			subject' *attribute'*	* M~~~' O~~~', **	* (S~~~'|B~~~'|T~~~')'(U~~~'|A~~~')', **
				* M~~~' M~~~', **	* (S~~~'|B~~~'|T~~~')'(S~~~'|B~~~' |T~~~')', **
			subject' *attribute'* *condition'*	* M~~~' O~~~' O~~~', **	* (S~~~'|B~~~'|T~~~')'(U~~~'|A~~~')'(U~~~'|A~~~')', **
				* M~~~' O~~~' M~~~', **	* (S~~~'|B~~~'|T~~~')'(U~~~'|A~~~')'(S~~~'|B~~~'|T~~~')', **
				* M~~~' M~~~' O~~~', **	* (S~~~'|B~~~'|T~~~')'(S~~~'|B~~~'|T~~~')'(U~~~'|A~~~')', **
				* M~~~' M~~~' M~~~', **	* (S~~~'|B~~~'|T~~~')'(S~~~'|B~~~'|T~~~')'(S~~~'|B~~~'|T~~~')', **

SIXTH LAYER: IEML SEMES

COMPACT EXPRESSIONS

complete type	existential types	functional types	subtypes	token expressions of subtypes
*I~~~~~_ ** 6th layer information (complete set of semes)	*E:.-',_ ** empty seme			
	*F~~~~~_ ** full semes	*O~~~~~_ ** verb type semes	*O~~~~,_ **	* (U~~~~,|A~~~~,),_ **
			*O~~~~,O~~~~,_ **	* (U~~~~,|A~~~~,), (U~~~~,|A~~~~,),_ **
			*O~~~~,M~~~~,_ **	* (U~~~~,|A~~~~,), (S~~~~,|B~~~~,|T~~~~,),_ **
			*O~~~~,O~~~~,O~~~~,_ **	* (U~~~~,|A~~~~,), (U~~~~,|A~~~~,), (U~~~~,|A~~~~,),_ **
			*O~~~~,O~~~~,M~~~~,_ **	* (U~~~~,|A~~~~,), (U~~~~,|A~~~~,), (S~~~~,|B~~~~,|T~~~~,),_ **
			*O~~~~,M~~~~,O~~~~,_ **	* (U~~~~,|A~~~~,), (S~~~~,|B~~~~,|T~~~~,), (U~~~~,|A~~~~,),_ **
			*O~~~~,M~~~~,M~~~~,_ **	* (U~~~~,|A~~~~,), (S~~~~,|B~~~~,|T~~~~,), (S~~~~,|B~~~~,|T~~~~,),_ **
		*M~~~~~_ ** noun type semes	*M~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),_ **
			*M~~~~,O~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(U~~~~,|A~~~~,),_ **
			*M~~~~,M~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(S~~~~,|B~~~~, |T~~~~,),_ **
			*M~~~~,O~~~~,O~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(U~~~~,|A~~~~,),(U~~~~,|A~~~~,),_ **
			*M~~~~,O~~~~,M~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(U~~~~,|A~~~~,),(S~~~~,|B~~~~,|T~~~~,),_ **
			*M~~~~,M~~~~,O~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(S~~~~,|B~~~~,|T~~~~,),(U~~~~,|A~~~~,),_ **
			*M~~~~,M~~~~,M~~~~,_ **	* (S~~~~,|B~~~~,|T~~~~,),(S~~~~,|B~~~~,|T~~~~,),(S~~~~,|B~~~~,|T~~~~,),_ **