FonaDyn v3.1.0 SERVER CONN	NECTION DIAGRAM																
You can see a summary of this diagra	am by choosing Server -> Show Nod	le Tree from the	e SCIDE menu	when FonaDyn is r	unning.												
, ,	Internal bus names #	#			Ĭ												
AUDIO RATE BUSES • = re	ead from, o = optional read, $\uparrow \otimes$ = write to	0 1	<b>1</b>														
Sound Out	1	1 1	<b>1</b>														
Variable number of buses	[optional extra channels]	,	_										,		9		
	V	2												(1	ive)		
Sound In EGG in Internal Mic condi	•	3 • •	-	<b>•</b>	•									(from d	ick) o		
EGG condi		<del>*</del>	+++++								•			(HOH)	o •		
200 001101	\GateCycle 6	6	1 1 1 1 1		A .		•	•			•			•	•		
	\GateDelayedCycle 7	7				_	• •	•									
	\GateDFT 8	8				1	•		•								
	\GateFilteredDFT 9	9	+				1 1			•							
Variable number of buses	\TimeStamp 1 \DeltaAmplitudeFirst 1		1				1 11 1						<b>↑</b>				
variable number of bases	(Delta-inplicade in 3t - 1	-															
Nth level is relative residual level	N									•							
Variable number of buses	\DeltaPhaseFirst								•	•							
Mah shasa is shash to shift	:							1									
Nth phase is absolute phi(1)	N \SampEn	<del>-                                     </del>	++++	++++		+	+ + + + + + + + + + + + + + + + + + + +	-			•		+ + -	+++			+++-
	\ClusterNumber	<del>-                                     </del>	+++++	++++						_				+++	<del>-                                     </del>		
(de	elayed) \DEGGmax						Λ.										
(de	elayed) \Qcontact																
(de	elayed) \lcontact																
	\HRFegg \DelayedFrequency					++-											•
	\DelayedAmplitude	<del>-                                     </del>	+++++				<del>                                     </del>	1111		<del>-       -   -   -   -   -   -   -   -  </del>					<del></del>		
	\DelayedClarity										<u> </u>						
	\DelayedCrest							8			•						
	\DelayedSpecBal																
Variable number of buses	\AmplitudeFirst								İİ								
Mth level is the power level of harmonics 2M	: M					8											
Variable number of buses	\PhaseFirst	·				8	'     '		'   • ' • '   ·			1 1	,		'  '		
	:					⊗								, , ,			
Mth phase is 2*phi(1)	М																
	SYNTHDEF source code files	VRPSDIO.sc		VRPSDVRP	sc VRP\$DCSDFT	.sc	,     ,    ,	VRPSDPo	stProcessing.sc VRPSDCluster	sc	VRPSDClusterPho	on.sc VRF	SDScope.sc		VRPSDIO.sc		
									VRPSDSampEn.sc								
SYNTHS														$\downarrow$			
In order of bus writes/bus reads 🔸			<del>}</del>		\sdND			$\Box$	\sdGeneratePoint		\sdPhonGeneratePoir	nts \sdP	repareScope	\sdMovingEG			\sdWriteFreqAmp
		\sdEc	choMicrophone	++++				++++-			•			(to scree	en)	to *_Points.aiff	to *_FreqAmp.aiff
			\sdl ivolpout	\sdAnalyzeAu	lio	\sdDFTFilt	V	\sdDelay	\sdNClust	erNoReset	\cdDhc-NC	lusterNoReset	\streamin	ghuffer0		\ \√ \ \ \sdWriteSampEn	∖sdWriteGates
			✓ EGG clipped	\SUATIAIYZEAU		SUDFIFIIT	213	(Suberay	(sanciust	envokeset	or	usternoneset	Streamin	godileio	<del>-                                     </del>	to *_SampEn.aiff	to *_Gates.wav
			→ HP 30 Hz					<b>1</b>	\sdNClust	er	\sdPhonNCl	luster				Jo _Jampimaljj	
			HP 100, LP 10k			1					<b>↓</b>		\streamin	gbuffer1		CycleDetectionLog	\sdRecordExtraChannels
				\sdCPPsmootl			\sdQciDEGG			sdSmoothedClust						to *_CycleDetection.wav	to *_Extra.wav
			\sdDiskInput2		or					(to s	creen)				<b>V</b>		
					\sdPeakFollower			<b>√</b>				$\bot$			\sdWriteAudio	\sdWriteLog	
	Disk In 0 (microphone)  AV-file 1 (EGG)	UD 100 U	HP 30 Hz				\sdHRF	EGG							to *_VoiceEGG.wa	v to *_Log.a	TT .
from W	AV-IIIe I (EGG)	nr 100 nz, spe	ectral threshold						<del>                                     </del>			++-				<del>                                     </del>	
CONTROL RATE BUSES	to GUI Fo [midi]	+	+				<del>                                     </del>		+ + + + + + + + + + + + + + + + + + + +			<del>                                     </del>	+			+ + +	
	to GUI FO [midi]	+ +	+ +	8			+ +			<del> </del>		<del>                                     </del>					
	to GUI Clarity [01]	+ + -	+ +				<del>                                     </del>			<del> </del>				+ +			
	to GUI Crest [1 ]			- ⊗				•									
	to GUI SpecBal[dB]							•									
	to GUI CPPs[dB]				V												
	to GUI \PhonClusterNumber	+	+				+	-				V				•	
	m GUI \GateReset m GUI \PhonGateReset		+				<del>                                     </del>		+ + + + + + + + + + + + + + + + + + + +					+ +			
	m GUI \NoiseThreshold	-															
Variable number of buses (110)	\ScaledMetricFirst	<u>'</u>	<u> </u>			<u> </u>					<u> </u>		<u>'</u>	' '		<u> </u>	<u> </u>