

transportSixteNeeded: maxTransportingUnits				 _	 	_		 					_	 	
	int int	Defaults to 1. Number of slots this unit uses up in a transport, experimentals are often set to 5. Number of slots this units has for transporting other units.	maxTransportingUnits: 5												
transportUnitsRequireTag: transportUnitsRequireMovementType:	string(x) movementTypes	Only allows trasport of units that have one of these tags.  Only allows trasport of units that have one of these movement.	transportUnitsRequireTag: smallfank, soldier transportUnitsRequireMovementType: AIR, WATER												
transportUnitsBlockAkAndWaterUnits: transportUnitsEachUnitAkeaysUseaSingleSlot:	bool bool	Open.  Challulls to true. This unit can only brangoot LAND units if true.  Destudies to blass. Units in this transport occupy 1 slot always if true, lyroning varageotifickenseed.  Makine tablit units also inside brangoot insides of eating it once ready if true.  Destudies to it not see "in Overlayadi"; and not see stafficuling). This and cannot unitsed units if thiss.	transportUnitsElockArtAndNaterUnits: take transportUnitsElochUnitAhvaysUsesSingleSlot: true												
transportUnitsKeepBuitUnits:	bool	Makes built units stay inside transport instead of exiting it once ready if true.	transportUnitsKeepSuitUnits: true												
transportUnitsCanUnioadUnits: transportUnitsAddUnioadOption:	Logic@colean bool	Debuils to if not self all/vericipal(i) and not self latifoxing(). This unit cannot eniode unite life plant of the self-self or Define if united button should be added to the unit menu. Changes the delay it takes between each unit getting selected. Debuils to true. If false transported units don't die when terrasport des.	torreportUnitsCanUnicadUnits: false transportUnitsAddUnicadOption: false												
transportUnitsUnloadDelaySetweenEachUnit:	Sout	Changes the delay it takes between each unit getting unloaded.	transportUnitsUnicadDelaySetweenEachUnit: 12												
transportUnitaKIIOnDeath: transportUnitaHeatDy:	LogicBoolean Soat	Lietauss to true. It make transported units con't die winen transport des.  Rate to heal units that are being transported.  Getsuls to true, if false this transports can hold other transporte.	transportUnitsHBCnDeath: If self.isOverLiquid() transportUnitsHealBy: 0.1												
transportUniteEllockOtherTransports: whiteNeutralTransportAnyTeam:	bool	Debutts to true, if false this transports can hold other transports.  This unit can transport units of any team while neutral if true.	transportUnitdSlockOtherTransports: false whitehborindTransportEnvDsavr: false												
whileNeutralConvertToTransportedTeam:	bool	pransports. This unit can transport units of any learn while neutral if true. Conwets this unit to transported learn while neutral. Useful with whileNeutralThansportAnyTham. Reverts back this unit to restart when unloaded. Useful with whileNeutralThansportAnyTearn. Learnet transport and unit on the carried learn select the selection of the carried learness and the selection of the carried learness than this unit is	whileNeutralConvertToTransportedTeam: true												
convertionNeutralithiotTransporting: transportUnitsOnTeamChangeKeepCurrentTeam:	bool	while Neutral Transport Any Tears.  Keeps transported units on their orginal team when this unit is	converticNeutralifNetTransporting: true												
force	j	with whiteNextralTransportAnyTeam. Rewerth back his unit or mutual when unicoded. Useful with whiteNextralTransportAnyTeam. Nexpo transports on the original learn when this until is converted if thus. Resources Node Nays. Usef with carRectainTeam can Allow other learn to section this unit Normally usef with repair learn. Use order to section this unit Normally usef with repair learn. Use order to	and department of the contract grant properties and the contract of the contra												
resourceRate:	Sout	INTERIOR NOR MAY LIVED AND A THE AND	resource/Rafe: 100	_	_										
similarResourcesHaveTag: resourceMaxConcurrerReclaimingThis:	atring(x)	another resource with these tags.  Defaults to unlimited. Set to restict how many units can reclaim	simite Resources New Tag: gold Resource												
reciainPrice:	int	this resource at the same time.  Like price but for resources. Useful for buildable resources.  Resource Harvester Keys	reclaimPrice: gold+1000												
canReclaimResources:	bool	resourceRate.	canReclaimResources: true												
carReclaimResourcesNextSearchRange: carReclaimResourcesOnlyWithTags:	int string(x)	gathered resource runs out.  This unit is only allowed to gather resources with these tags.	canReclaimResourcesNextSearchRange: 100 canReclaimResourcesOnlyW8hTags: foodResource												
canReclaimUnitsOnlyWthTags	string(x)	This is for reclaiming units, not for resources. See canReclaimResourcesOnlyWithTags	confliction Recoverable and English (2005)  confliction Recoverable (2005)  confliction Description (2005)  confliction Description (2005)  recoverable confliction (2005)  recoverable confliction (2005)  recoverable confliction (2005)												
resourceReclaimMultiplier	fost	Name of the control o	NasourceRectalmMultiplier: 1.5												
carRepairUnitsCnlyWithTags carRepairSuldings: carRepairUnits:	string(x) bool	Repairs units with the specified tags  Can this can heal ally buildings (is <b>Builder:true</b> is required)  Can this own heal ally buildings (is <b>Builder:true</b> is required)	canRepaidhtsCnyWihTags: vulnerable canRepaiduldings: true		_										
canRepairUnits: autoRepair	bool	canRepaidGuildings required for buildings.  Automatically by and repair damaged units in nano range.	canRepairUnits: true sutoRepair: true												
ranoRange: ranoRepairSpeed:	int Soat	Defaults to 85. Defines the unit building/repair/reclaim range.  Defaults to 0.2. Defines the unit nano repair/reclaim speed.	tancRange: 110 tancRaparSpeed: 0.01												
ranoRepairSpeed: ranoBuildSpeed:	fost	Defaults to 1. Defines the unit rano building speed. (May multiply with target's buildSpeed)	nancBuildSpeed: 0.9												
ranoUnbuildSpeed: ranoReclaimSpeed:	Sout Sout														
rancRangeForRepairlsMelee: rancRangeForReclaimIsMelee:	bool bool	Defines if this unit must touch its target to repair it.  Defines if this unit must touch its target to reclaim it.  Defines a searchir rappe for the sensit arrippe of this unit	tancRangeForRepairisMelee: true tancRangeForReclaimisMelee: true												
ranoRangeForRepair: ranoRangeForReclaim:	int int														
ranoFactorySpeed:	Sost	Defines a specific range for the reclaim action of this unst.  Cetauth to 1. Nutriplies the buildSpeed value of the created unit if this until a a factory.  Temporarily adds extra build range to builders to build this unit. Useful for water based buildings.	nancFactorySpeed: 12			_									
extraBuidRangeWhenBuildingThis: builFrom_NUM_name:															
bullFrom_(NUM)_pos:	Soat	cantilated but in opposite direction. Order this build link appears in UI. Using cantiluted instead is more recommended. Build as if this is a building if true, (even if it's a unit) if these this unit cannot be built in this build link. (can be conditioned if logicitocleans are used)	bullFrom_1_por: 0.1												
builFrom_(NUM)_forceNano: builFrom_(NUM)_isLocked:	togiciloolean	suse as if this is a building if true, (even if it's a unit) If true this unit cannot be built in this build link, (can be conditioned if logicBooleans are used)	sum rom_1_forceNano: true buildFrom_1_sist.coked: if self-tip(lessThan+100)												
	LocaleString Sout	condensed tragglicheren was vanied.  These cassed and varieties build his brided.  These cassed and varieties of units appear in the his tempor of units of units and	bullifrom_f_laLockedMessage:-Needs more population eat_x: 0												
ext_y:	Boat	Where created or unloaded units appears from the transport or building. Defaults to 5.	est_x 5												
ext_drOftset:	fort	Defaults to 180 for units and 0 for buildings. Defines the exit direction of created or unloaded units.  Defaults to 0. Defines the helphi where reselved or unloaded.	est_drOffset:140												
ext_heightOffset ext_moveAwayAmount	Sout Sout	units appears.  Defaults to 70. Defines the distance that created or unloaded	est_negrufiset: 16 est_moveAvayAmount: 10												
exit/leightlgnoreParent	bool	ignores parent height for exit height; useful for separating attachments with their parents for building	exit*kightignoreParent true												
deOnConstruct	bool	Death Keys Deletes this unit when it starts to build if true. (target building out likely will need additionable byte set)	deOnConstruct true												
deOnZeroEnergy:	bool	Deletes this unit when it starts to build if true, (target building/unit likely will need selfBuildRate set). Kits this unit if energy level reaches zero when true. Defines the number of scattered bit fragments when this unit dies.	seOrderollnergy; true												
numBitsOnDeath: nukeOnDeath:															
nukeOnDeathRange:	tok	Defines the nuke effect range when using nukeOnDeath.	rusurusaniange: Ho												
nukeOnDeathDanage: nukeOnDeathDisableWhenNoNuke:	bool	nukeOnDeath.  Defaults to false. If true this unit will not explode with nuke when nukes are disabled in wiresish as—	rukeOnDeath DisplayWhenNoNuke: true												
freTurretXAtSeltOnDeath:	burnet nef	Interest to be a surface of the surf	feeTureOASetDeDesh: turet_1												
explodeOnDeathGroundCollision:	boolean	If false.  Defaults to true. Disables the explode built-in effect on death	esposeuniuser: tasse espideOnDeathGroundCollsion: false												
explodeOnDeathGroundCollision: explodeTypeOnDeath:	preset effects	If false.  Defaults to true. Disables the explode built-in effect on death when unit touches ground if false.  epicons responsal small, normal large, large-list, building, buildings, buil													
	effect(x) ref effect(x) ref	Spawns built-in or custom effects when unit dies.  Like effectOnDeath but when unit touches ground. Useful for flying units.	efectOnDeath: shockwave, CUSTOM pieces*3, CUSTOM deathSound efectOnDeathGroundCollision: CUSTOM bigExplosion												
	string(x)	Like effection/bash but when unit touches ground. Useful for flying units. Sopwers these units when dies. Comma separated unit identifiers. Units spawned on death will appear on the last attacker teams if tous.	unitsSpawnedOnDeath: tank*5, hoverTank												
unitsSpawnedOnDeath_setSoTeamOfLastAttacker: hideScontMark:	bool bool	Units spawned on death was appear on the last stacker seam in true.  Disables the death scorch mark leaved when unit dies if true.	unitsSpawnedOnDeath_setFoTeamOfLastAttacker: true hideScorchMark: true												
soundOnDeath:	string(x) effect(x) ref	true.  Disables the death scorch mark leaved when unit dies if true.  Sels a custom sound for this unit death.  If the unit was not completed, and is destroyed, play this effect.  Default to effectionDeath  ACION Keys:	soundOnDeath: tankExplosion1.ogg, tankExplosion2.ogg effectOnDeathNUnbuit: CUSTOM/molode												
p		Action Keys  Dost automatic action continue (bird detection continue)		_	_		_								
autoTriggerCooldownTime:	Sme (seconds)	Action Keys  Peat automatic action cooldown (Not detection cooldown).  Defaulate 1s 1s. Warning: Setting this too low for many units registed effect performance depending on the action effects.  Allows for said action cooldown lower than 0.2s. Default to take. Not recommended.	autoTriggerCockdownTime: 0.05s												
autoTriggerCooldownTime_allowClangerousHighCPU:	bool	Allows for surp action cooleows lower than 0.2s. Detaun to take. Not recommended. applicate everyFrame (default), every#Frames, every#Frames. Note:	autoTriggerCoddownTime_allowDangeroutHighCPU: true												
autoTriggerCheckRate:	enum		auto TriggerCheckRate every&Frames												
autoTriggerCheckWhileNotBullt	bool	a large performance boost for mode with complex autoTriggers.  Defaults to take, autoTrigger of unit actions check even when not completely built if true	autoTriggerCheckWhileNotSullt true												
updateUnitMemory: updateUnitMemoryRate:	memory	in alter memory update than jaction_#j setundatemory. Users on many applications.  Sets how often the memory is updated. Defaults at its settings it to 0.	updateUnitMemory: timeCount = (1 + memory:timeCount) updateUnitMemoryRate: 0	-	_		-		-			-			
		Calculates to tales auxo Trigger of with actions check even when not compressly built of the season Section of self-violatemory. Useful on Faster remoting spotates than placed or Section Sec	Streemer Set unit												
@memory		A template-friendly method of define/Unididemory. Declare name followed by type, separated by a color Add a pair of square brackets for array memory type	@memory bulletx number @memory myTargetx unit[]												
<b></b>	j	Deprecated Keys (can be used but there are better ways)													
ncion_f_con	string Soat	Deprecated in 1.13, use [action_x] sections instead  Order action appears in UI	action_t_convertio: custom Tank_2 action_t_pos: 0.1												
polion_d_polion action_d_tants	atrino	te linked to the # you use)	liction_1_prios: 1000												
mior 6 descriptor	string	A display text when you select your unit's action, used to		_					_						
	foat	A display test when you select your unit's action, used to explain it's purpose.  The action description.  Adds energy to unit. Has no effect unless energy. As is set	action_f_heat: Upgrade to Custom Tank 2 Scion_f_description: Converts the tank action 1 add/orance 10	_					_						
salar_f_wheelisting_servabless	foat bool	A display leaf when you select your unit's action, used to supilar lift purpose. The action dissorbition is the action dissorbition. Addit energy for unit. Has no effect unless energy Max is set played unit never you while action is being applied. Useful for lightly life actions.	solon_t_set Upgrade to Custom Tank 2  solon_t_set Upgrade to Custom to too solon_t_setCon_t_setConorn too too solon_t_setCon_t_setConorn too too												
continued in the control of the cont	Soat bool string	A dislippy half when you select your unit's action, used to suppline for support.  Adds energy to unit. Has no effect unless energy Mas in set supplies to the supplies action is every appear. Useful for the conflict section release.  [CanBillid NAMF]	colonUnit (byode to Custon tota 3  ColonColon (byode to Custon tota on  ColonColon (byode tota)  ColonColon (byode tota)  Colon (byode tota)  Colon (byode tota)  Colon (byode tota)												
andere — where is along - connect large confide the gramma posterior and a Section Code	tool string Value Type	A digitally sold when you select your unit's action, used to topique the purpose.  Adds energy to unit. Has no effect unless energy-files in sel selection to the purpose of the purpose of the purpose of the cardiodic section calculate.  [CanBuild_NAME]  Description.	con Ligazotto Consent to tota  con (Ligazotto Consent to tota  con (Ligazotto Consent tota  con (Ligazotto Consent tota  conduit, Cyanes tota  Consent												
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	p		Damage											
	drecDamage:	int	Damage  Damage to barget unit on hit. Does not work with targetGround: true as it won't have a clear unit to target  Damages on annual of target with an area effect, use	direcDanage: 20										
1.13	areaCarrage: areaRadius:	fast	time as it worth have a clear unit to target.  Damagues on arwhol of target with an areas effect, use area-Redus to adjust size of damage, target/Ground needs this to damage.  How side area/Damage effects. Note this drops off (unless area/Damage) for a long of the damage.  Receives the indirect research area of the damage.  Because the indirect from area (larget).	anaRadum 100										
	areaCamageNoFalloff areaRadiusFromEdge	bool bool	Applies damage from edge of units instead of center. Mostly	ansaRadusFromEdge: true										
1.13	areaExpandTime areaHSArAndLandAtSameTime	fost	Applies area damage as an expanding blast wave rather than	areaTuperdTime: 1s areaNtAnAnd.andAtSameTime: true										
	areal/BAicAndLandAffameTime areal/BUnderwaterAways arealgnoreUnitsCloserThan	int .	relations; United for Franks projections Chellulin to Takes Chellulin to Takes Chellulin to Takes United Chellulin to Takes United Colore Than this range aren't effected. Rarely needed, Not recommended for normal projection. Chellulin to 1 Chellu	area01EUndervaster-Navays: true area0gnoreUnits-CloserThan: 10										
	buldingDamageMultipler shieldDamageMultipler	foat foat	Defaults to 1  Defaults to 1. 0 to do no damage to shields and 2 to do double damage.	buldrigComageMultiplier: 1 shieldComageMultiplier: 1.4										
	shielsDefectionMultiplier hullDamageMultiplier	Sout Sout	Defaults to 1. The amount of shield to bypass. 0 to ignore shields and directly damage hull Defaults to 1. Can be used to create EMP weapons that affect shields notic 0 to impose hull and only damage shields.	Amelikanskapiter i 4  **Collementalistiker i 5  **Collementalistiker i 5  **Collementalistiker i 7  **Collementalistiker i										
1.15	ignoreParentShootDamageMultiplier amountgroneAmount	bool	Sets whether multipliers are applied or not regardless of multipliers set in attack or setUntStats. Amount of armour to ignore on target and do damage as if this.	ignoreParentShootComageMultiplier: true										
1.13	triendyFire	boolisting	armour was not there  Lets area effect projectiles damage own team units (can't damage allies). Useful for nuke-like weapons	amoutignore-mount  tendyFire: false / triendyFire: true / friendyFire: only-ignoreEnemy										
	mutatorX_BUnEWthTags mutatorX_BUnEWthoutTags	tags tags	Applies mutators to this projectile if target has corresponding tags.  Same as IfUnitVithTags, but applies if target doesn't have the set force.	eutatori_(KintWthTags: infantry eutatori_(KintWthoutTags: atrona/emour										
1.13.3	mutatoX_directDamageMultiplier	Sost	Same as fluin/WithTags, but applies if target docum't have the set tags.  Changes deed Damage. Defaults to 1, the careful not to confuse players using this as the reliefs care not be clear. Use amour instead when possible. Replace X with desired name for the Change Multiplier but for areaCarrage. Defaults to 1.	mutatorX_drectDamageMultiplier: 5										
	mutatorX_areaDomageMultiplier	fost	Same as directDamageMultiplier but for areaDamage. Defaults to 1.  Change explode effect if this mutator is active. Eig make a	mutatorX_areaDemogeNulliplier: 1.2										
1.13.3	mutatoX_changedExplodeEffect mutatoX_addResourcesDirectHit	effect nesource	Change explose effect than maker in active. Eg make a bounce of smour effect Height to make the damage change more class to justice (Down North May Happilloom of , Add resource to all direct hit units. Variety: the careful not be break units than of more hit work of the careful most reason to the common of the careful north or season to the more than of the careful north or season to the careful north or season to the careful north or season to the more than or season to them that they don't expect.	mutatorX_changedExplodeEffect: CUSTOM:specialStast										
	mutatorX_addResourcesAreaHit	NESCUPCE	energy to them that they don't expect.  Add resource to all area hit units. Warning: Be careful not be break units from other mode by adding random resources or	mutatorX addResourceAreaHit nutr4										
	j		energy to them that they don't expect.  Movement  Target convent and don't home in on ternal blots colu	targetGround: true										
5.54	tanget Ground_include Target Reight	bool	Target ground, and don't home in on target. Note: only areaClamage is applied if targeting ground.  Debut false, for area affect AA weapons.  Called If D. or shooting over younger a target I lead if for	targetCnound: true targetCnound_includeTargetHeight: 40										
	tanget Ground Height Offset apend: tanget Speed:	fost fost	and Contrago is applied Plangeting growth.  Control State: It was all and Anneagons growth.  Control State: It was all and Anneagons growth.  Anneal State: It was all and the down.  Proportion dends I was all and the down.  Acceleration to this speed.  Acceleration to this speed.  Acceleration to this speed of temporal growth.  Acceleration to this speed of temporal growth.  Acceleration to this speed of the growth of the properties of the speed growth of the speed growth.  See that the speed of the properties seed to be forther moving.  Seen that speed height of the properties.  Seen that speed height of the properties.	spect 3 spect 5										
	targetSpeed: targetSpeedAcoeleration ballatic:	foat bool	Controls the speed rampup for targetSpeed  Makes projectiles fly up into the air and come down, instead of rollon in a straight line.	targetSpeedAcceleration: 0.3 ballistic true										
	ballatic_delaymove_height: ballatic_height	fost fost	Sets up to how high the projectile needs to be before moving tormally.  Sets the target height of the projectile.	ballistic_delaymove_height 20 ballistic height 10										
	targetGroundSpread: apeedSpread: Instant													
	instant instantReuseLast	bool	Hit target instantly Recycles last projectile fired, only one projectile ever exists. Can turn lessors into beam seasoner by union inser rate of the	Instant true										
1.14	InstantReuseLast_alsoChangeTurretAin	bool	and setting this to true  Make turner's aim include last projectile's spread and sweep offsets, useful for beam weapons	instantReuseLast_alsoChangeTurstAin: true										
1.14	instantReuseLast_keepAreaCamageList	bool	Societies fromge the samp proposities appear by the amount the topic hashing the proposities found only one projectile seer analysis found to the proposities found only one projectile seer analysis and sample to the beautiful proposities and of the manner of the proposities of the proposities of the liable beautiful and beautiful proposities are part of the seed of the proposities and the proposities are part of seed of the proposities are part of the seed of the proposities are part of the proposities and the proposities are part of the proposities and the proposities are part of the proposition of the proposities are part of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of proposition of the proposition	reterfReuel.set_keepArestIsmageList true										
1.14	interceptProjectile_removeTargetLifeOnly disableLeadTargeting	bool bool	Could be true to make hit projectiles are just removed. Could be true to make hit projectiles explode or split when hit Disable the lead targeting calculations when aiming at a snoving target. Defaults false.	intercep®-rojectile_removeTargetLifeCinly; true disableLeadTargeting; true										
_	leadTargetingSpeedCalculation	foat	The expected speed of this projectile for targetGround lead target calculation. Defaults to 'targetGpeed' if set otherwise tapeed'.	leadTargelingSpeedCalculation: 2										
	initialUnguidedSpeedHeight		Sels vertical speed for projectiles with targetGround. Use gravity to make amouth arching projectiles. Better have gravity value slightly slower than this key to produce the arches.	initialUnguidedSpeedHeight: 30										
	gravity: turnSpeed	fort	segle character Central or significants are consistent production appeal for projection with begind Central. Use projection of the control	gravity: 29										
1.14	wobbleAmplitude	Sout Sout												
1.14	subbleFrequency pushForce pushWelocity	fost	How often the projectile will wobbile	wobbieFrequency: 4										
1.54	push/lelocky moveWithParent tweepOffset	Soat bool	Positify part text is traggered variety on a rate attack in Childred by target means.  Pash (or pull with a negative value) the units that get hit ignores target means.  Move projectile as parent moves. Useful for beam effects that lead to stick to source harest.  Useful for beam effects.	pushWischy: 5 moveWithPurent true										
1.14	zweepOffset zweepOffsetFromTargetRadius zweepSpeed	foat foat	read to sick to socion lared.  Useful for beam effects.  Add to revery offset by factor of target's radius. 0.4 would be 40%  Useful for beam effects.  Can retarget a new longer into flight, perfect for fair-shyle	seespOthset: 0.5 seespOthsetFormTargetRadus: 0.4										
5.54	retargetingInFlight	float bool	North for beam effects.  Can retarget a new target mid-flight, perfect for fair-shife exapons and projection that collide Nov Inches the total Nov Inches to Section 1 Nov Inches these assarching for new targets. Default 5	receptioned 1.5 retargetingleFlight true retargetingleFlightSearchCelay: 1s										
1.14	retargetinginFlightSearchDelay retargetinginFlightSearchRange retargetinginFlightSearchLead	Souttime of	How long between searching for new targets. Default 5	tetangeting in Fight Search Celay. 1s.  tetangeting in Fight Search Range. 200  tetangeting in Fight Search Last. 30										
1.14	retargetinginFlightSearchLead retargetinginFlightSearchOnlyTags #*****	foat tag ref	The lead of the pojectile to try to hit the target. Default 15 Only retarget units with these tags Graphics and effects	magazigir igizaacionij aga igioviso										
1.12.3	color invisible image:	color tool	Corplace and effects Recolors this projectile series a her value. When true, the projectile is not rendered but still functional. Use castern image, oversized downly good theme Built-in image to use. Oprojectiles pop ( projectiles, large page 2 projectiles (page page to one of a sheet for the projectile images. Scale images, Defaults to 1 Built-in image frame to use, starts at zero. Ordustit tase	color: #baba50 invisible: true										
	draw7ype	int	Built-in image to use. Oprojectiles.png 1:projectiles_large.png 2:projectiles2.png. Refer to end of sheet for the projectile images.	dawType:1										
	drawSize: frame	foat int	Scale image. Defaults to 1 Built-in image frame to use, starts at zero.	drawStre: 15 frame: 0										
1.13	ht/Sound: explode/Discribed explode/Discribes/discribed	effect ref lat	Produces the specified effects upon explosion.	explodeEffect smallExplosion, CUSTOM myExplodeEffect										
1.13	teamColorRatio teamColorRatio_sourceRatio	foat foat	use this effect is finded in active or margin with Mix C-1 of sear colour info colour field default is if-sear-ColourSado). Keep more of color when mixing. Note this might substrate colors. If thus, renders the projectile under units. Great for torpedos. Produces specified effects upon creation of the projectile. Prevail for to lower on excitor.	teamColorRatio: 1 teamColorRatio_sourceRatio: 1										
1.13		effect ref list	If true, renders the projectile under units. Great for torpedos.  Produces specified effects upon creation of the projectile.  Reveal tog to player on explode	dewUnderUnits: true  #fectOnCreate: CUSTOM puff  shouldRevealFog true										
1.13	shouldRevealFog always/vableInFog rukeWespon	bool bool	Reveal tog to player on explode Renders the projectile even when tog is present Shows on mini-crap when fired. Some other aids effects as well, like make explosion effect tous for built-in defaults, but can also point to any custom effects	always/lisbleNrOg false ruks/Wespon: true										
1.13	tralEffect tralEffecRate	boolleffect float	Defaults to 3	traliEffectRate: 4										
	lightCastCnGround lightCast lightColor	tool foat	Renders light under the projectile	lghtCastOrGround: true lghtSize: 1.5 lghtColor: #8402b										
	brgeH8Effect	color bool	Sels the color of the light emitted by the projectile. Cheates a large explosion and accompanying sound on hit (only cosmetic) Draw as lighting works best with instant true	largeHSEfect: true										
	SghtingEffect IssuerEffect	bool bool		SphingEffect true baseSffect true										
1.14	beaminage	file (image)	stage to use for heam and later effect type projectiles. Prage to repeated without depending on the distance to begin the repeated without depending on the distance to begin library image should be 20 pixels or longer. Width does not native, only the high distance of the stage of the Sale box fast the beam image moves towards or away from the terget. Sprile for the origin point of the custom beam	beaminage: beam.prg beaminageOffseRate: 1										
1.14	beaminsgeOffsetRate beaminsgeOfset	foat tie (image)	the target Sprite for the origin point of the custom beam	beamimageStart beamStart.png										
1.54 1.54 1.54	beamimageGtartRotated beamimageEnd beamimageEndRotated	tile (image) bool	Defaults false. True to rotate with tunet angle Sprite for the end point of the custom beam Defaults false	beamimageStartRictated: true beamimageEnd: beamEnd.png beamimageEndRictated: true										
	Section Code	Value Type	[movement]	These are traits the unit has as far as movement goes, such as rotation and acceleration speed										
	movementType:		Description	Example										
		atring	Description  Defines what kind of terrain the unit will be able to move, along with other properties. Can use only one: NONE, LAND, AIR, MATER, HOVER, BULLOWG, OVER, CLIFF,	Toxonolis movementType: LAND										
	slowDeathFalt	string	Description  Defines what kind of femals the unit will be able to move, along with other properties. Can use only one: NONE, LAND, AIR, NONE, R. HOWER, BULLENG, OVER, CLEFF, OVER, C. W. L. LAND, AIR, White C. L.	Francis  movementType: LAND  dow/OrathFail true										
	slowCeathFall: moveSpeed:	string bool Soat Soat	Maximum movement speed of the unit. A value of 1 means (1 pixel * 60) per second (or 3 tiles per second)	moveSpeed: 1.2										
	slowDeathFalt	string bool foat foat foat foat	Maximum movement speed of the unit. A value of 1 means (1 point 100 per accord) post 100 per accord (or 3 titles per accord) (or 3 titles per accord) Defines how that units accelerate to max speed. Don't make this too low or units will have trouble stopping at expositins. Or of the title of	noveSpeed: 1.2 noveAccelerationSpeed: 0.07 noveDecelerationSpeed: 0.17										
	atox Cestrif all:  rooveSpeed:  rooveAccelerationSpeed:  rooveAccelerationSpeed:  averasSpeed:	Soat Soat Soat	Maximum movement apset of the unit. Availue of i means (it jussel *60) per accord). Desires they have been accord). Destines have fast units accelerate to max apsect. Don't make this too low or units with have trouble stopping all eargopins. Our distant. One O.4 will inverse for short distances (or 40% apsect) if set to 1 will drive in reverse same as forwards. Useful if slow turning.	Trondipped 1.2 revoluciamentopped 0.07 revoluciamentopped 0.17 voversalipsed*uncariage 0										
	dow Cleath Fall:  mowiSpect:  mowiAcceleration Speed:  moveDecelerationSpeed:  reverse SpeedPersorlage:	Soat Soat Soat	Maximum movement apset of the unit. Availue of i means (it jussel *60) per accord). Desires they have been accord). Destines have fast units accelerate to max apsect. Don't make this too low or units with have trouble stopping all eargopins. Our distant. One O.4 will inverse for short distances (or 40% apsect) if set to 1 will drive in reverse same as forwards. Useful if slow turning.	Trondipped 1.2 revoluciamentopped 0.07 revoluciamentopped 0.17 voversalipsed*uncariage 0										
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110	and control of a c		And the second s	socialism 12 de constituir de la constituir de constituir										

1.12 image_midde image_leg	file (image)	Sels the arm image Sels the leg image	image_middle: NONE image_leg: legR png														
1.12 draw_foot_on_top drawOverStody	bool bool	Renders foot above leg Draw over body	draw_foot_on_top: true draw_foot_on_top: true draw_foot_on_top: true draw_foot_on_top: true														
drawUnderAllUnits drawDirOffset dust_effect:	Soat Soat	Rotates the footlarm sprite to a specified direction	drawUnderAUnite: true drawCiroffnet 73 dust_effect true														
spinRate favourOppositeSideNeighbours drawLegWhenZoomedOut	Soat	Spawns dust particles on each step.  Makes arm/leg spin, like ideSpin for turnets. Great for helicopters.	spinRate: 2														
drawLegWhenZoomedDut drawFootWhenZoomedDut	bool bool	For performance, defaults changes based on unit size For performance, defaults changes based on unit size Often used with decals	tance Opposited les legislaturs: Your drawlegs When Zoome Chut false drawlegs When Zoome Chut false legislation of the Chut fa														
drawFootMenzJoonedOut  StingHeighlidthei  1.15p9  IngelFeight IngelFeightRebtive	int int bool	Often used with decals Sets height of the leg Apply height relative to units height	BlingfeightOffset: 20 Impelfeight: 10 Impelfeight: No														
receivejes Sartire	fost	[attachment_NAME]	Attachments are slicts where other units can be positiosed or carried														
Code	Value Type	Description Sets the horizontal position of the attachment	Example														
1.12.2 y 1.12.3 height	foat foat	Sets the vertical position of the attachment Sets the elevation of the attachment	y height														
1.12.3 IdeCir 1.54 IdeCirReversing	int int	Sets the direction of the attachment when ide Sets the direction of the attachment when the base unit is moving in reverse	IdeDit Reversing														
1.113 lsVisible 1.113 onCreateSpave/UnitOf	unit ref	Defaults to true. If false, the attachment is hidden	In/Visible on CheateSpawn/UnitOf														
1.133 IsUraelectable	bool	upon sparening are and, specimen assumed an account in an account apparent as attachment.  Defaults to false. When true, the player cannot click the attachment.	ts/Unselectable														
canAttack 1.112 canBeAtackedAndDamaged 1.112 deatachtWantingToMove	bool	attachment. Defaults to true. Set to false to stop this attachment attacking. When true, the attachment is vulnerable to attacks. If the unit is ordered to move, it will detach. This includes assessment from actions.	canitack canitaktacksdAndDamaged														
1.112 locki.eg/lowment	tool	Locks the leg movement while attached.	deatach/MartingToMove locki.egMovement leepAiveWheePaverDies: true														
1.113 seErswLayerOnTop 1.113 seErswLayerOnBottom	bool bool	Renders the attachment above the base unit Renders the attachment below the base unit	selDcseLayerOcTop selDcseLayerOcBation														
1.123 addTransportedUnits 1.123 tockRotation	bool	Renders the attachment above the base unit. Renders the attachment below the base unit. Often used with transport units, when true, attaches one of the unit passenger to this attachment slot. When true, stops the attachment from notating.	addTransportedUnits lockRotation														
1.513 rotateWthParent 1.513 reselRotationWhenNotAttacking 1.513 prioritizeParentsMainTarget	bool bool	Similar to shouldResetTurretfor turrets.	solal/WithPaner testPatatorWhenNetAtlacking prioritizePanerbiliahTarget														
1.133 alwaysAllowedToAttackParentsMainTarget	bool	It will prioritize targeting the main target. Defaults to true.  Will always attack the parents main target.  Defaults falls, if true attacked units are not converted when parent changes team. Eg from [projectile] convertific@cource Ream	alwaysAllowedToAttackParentsMainTarget														
cnParentTeamChangeKeepCurrentTeam     cnConvertKeepExistingUnitinSameStot	bool	parent changes team. Eg from [projectile] convertHtToSourceTeam When true, the attachment is retained on the same attachment	onParentTeamChangeKeepCurrentTeam onConvertKeepExistingUnitinSameSixt														
1.54 unloadinCurrenPosition	bool	convertification or likers  When true, the attachment is relatined on the same attachment slot when the passent is converted to archive unit slot when the passent is converted to archive unit slot attachment to the same properties of the same state of the same slot or s	unicadinCurrentPosition														
1.14 keepiNaypointsNeedingMovement	bool	Defaults false. If true attached units keep waypoints with movement even while they cannot move. Useful if they will be automatically deattached soon.	keep/litypoints/NeedingMovement														
1.54 smoothly@endPositionWhenExistingUnitAdded 1.54 showAlActionsFrom	Logiciloolean	Show all actions of the units attached in the parent unit list	emochly@lendPositionWhenExistingUnlAdded showAlActionsFrom														
1.54 createIncompleteIParentis:	bool	when selected  If peror have been built, create attachment with the same built value. Links built values till attachment is complete. Useful for buildings built with mann.  Redirect demands does to this attachment to the parent related of demanging ball directly.  When ensenties attack the attachment, all damage are	createIncompleteIFParentis:														
1.14 redrectDamageToParent 1.14 redrectDamageToParent_shieldOnly:	bool	Redirects damage done to this attachment to the parent instead of damaging itself directly.  When enemies attack the attachment, all damage are	redrectDamageToParent														
reviews and genoment aneld City:	-	faction NAMEL /	redirectDamage ToPanent_ahlebtOnly:														
Section		[hiddenAction_NAME]	Actions that can dynamically cause changes to units and resources														
Code text	Value Type string		Example Sect: Calch Fish, lext: Fire: S(pelf.resource.ammo)														
textPostFix: text_SLANG}	string	text UI Alternative text for different language. Use ISO 639-1 Language code on the SLANGI mails. Supports durant	Control Color Fax Spiritescens among  one Color Fax Spiritescens among  one Color Fax Spiritescens among  one Color Fax Spiritescens colled and destroyeges "Spirite")  one of the Color Fax Spiritescens colled  onespire. The color of the Spiritescens  onespire. The Color of the			$\vdash$					$\vdash$		<del>                                     </del>	<u> </u>			<u> </u>
description	atring	A display text when you select your unit's action, used to explain it's purpose. Supports dynamic text.  Alternative description by Alternative description.	description: Fires shot on target area														
description_(LANG) display/type	atring	Language code on the (LANG) prefix. Supports dynamic text Affects with excision button and text is displayed. Options:	description_ex: Disparos en el área objetivo	_		$\vdash$	-				$\vdash$			-		_	
daplay7ype daplayRemainingStockpile	bool	infoChijkoBos, infoChijKocquie Cuese is shown as number of lines action can be triggered based on price. Use dynamic text on land on without	daplay/Remaining/Stockpile: true	_		$\vdash$	-				$\vdash$			$\vdash$	<del>                                     </del>		_
pos	Soat	based on price. Use dynamic text on text as alternative.  Order action appears in Ut. Merges with positions from canifold buttons.	poer 1														
iconimage 5.56 iconExtraimage	lie (image) lie (image) colour	Urear accon appears in U. seeges were possens from carefluid buttons  Sets a thumbrall image for the action button  Deswin over top of icon image. Useful for upgrade icons, etc.  Deswin to set4FFFFFF  Deswin to set4FFFFFFF	Continuage: fireShot prog Continuatinuage: fireShotNo.prog Continuations (#8000)				$=$ $\exists$										
1.14 konExtralsVisible	Logiciloolean uniRefuniType	When the condition is met, the extras for icon is visible. Display this unit, (as if this action built this unit)	icorExtrals/isible: E self-resource.ammo < 1 eg: unliShowninUt: unliSef self-transporting(slot=0) or unliShowninUt: heavyTank														
1.913 untitownisti gulluidunt 1.64 settuit	unitRefunitType fost	Uses the UI similar when building structures. An alternative to fireTurretX on some cases. Designates how built the unit is from a percentage of 0-100%.	conditionation #80000 Conditionationation of section among a 1 leg untilizationation until of sectionation of undifferential heavy Tank publication processing undifferent among the section of undifferential heavy Tank publication processing undifferent among the section of undifferent among the section of the section #8000000000000000000000000000000000000	$\vdash$	$\vdash \exists$	$\vdash \exists$	$\neg$		-					$\vdash$		$\vdash$	H
1.15cp tees	tacu	with a number between 0 and 1.  To be used with the with Tag parameter for self queueSize (with Tag=s) and queueStemAdded and queueStemCanceled events	nethale 0.5 taos: actionFire														
Long light	tags	(www.agrs) and queuetternAdded and queuetternCanceled events  Allow same(equivalent artifices in he recommon and accommon accommo	Name of the Control o														
1.15p11 ld	string	Allow samelequivalent actions to be more easily connected when converting between units, to preserve quaues, continues, set, of premary action certificate, and come be units of the continues of the continues of the continues of the continues of units, settled or flashed-Westelbell/princeties.  Add this units name to this action's test.  Add this units name to premare the continues of the co	id: fireShot														
p	p	Unit Reference - Dynamically parts from already existing units, useful will is Also Wewshieldy Coemies	self_self_parent(), self_transporting(slot-s), self_attachment(slot-X)														
1.14 IndAdJuntName 1.14 descriptionAdSnamUnit 1.14 descriptionAdSnaturit 1.14 descriptionAdJuntStats:			eg testAdUnitName unitRef sell attachment(slot="1") descriptionAddFromUnit builder descriptionAddUnitState: unitRef self.parent()														
1.54 LintShownhUWthhpBar 1.54 LintShownhUWthProgressBar	bool	Add this such shall be joint energy, resources joint authority of Charlet Tab., ONly was then confidenced by a uniford charlet Tab. Only was then confidenced by a uniford charlet Tab. Only was then confidenced by a uniford projection for the right of the confidence of the confidence Table Table	unitShowtinUW@blipEar: true														
faces .	-	Replaces HP bar if active Requirements for playeriAl to use in UI	unitariowneruniere-rogressiar: naie														
1.54 alwaysSinglePress	bool	when used with carPfayerCancet false and aBowMultipleInQueue false will also hide the queue interface.	alwaysSinglePress: true														
price InActive	resources Logiciloplean	available. Defaults to credits if unlabelled  Defaults true. If false then action is disabled and shown in red	price: credit=5, energy=5, hp=100, shield=5, ammo=1 inActive: true														-
lat/lable lat.ocked	Logiciloplean	Defaults false. If true action is disabled, and a lock icon is	isl orbat if sail servers arms of 1														
InLockedMessage	LocaleString LogicScolean	Shows the message when the isLocked's condition is met	tal.ockedMessage: Not enough ammunition tal.ockedAlt: # numberOtUnitalnGame(withTag="tackony") = 2														
1.113 BLockedAtMessage	LocaleString		st.coxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx														
1.12.3 isLockedAt2Message	LocaleString		IsLockedAlQMessage: Explosive stockpile is heavily damaged.														
allowMultipleInQueue onlyOneUnbAMIlme	bool	type (useful for keeping actions with conditions from being apartmed)  When action is picked in UI, only one unit selected with get this	allowMultipleInQueue: true onlyOneUnitAMATime: true														
1.133 laGuBlinking	LogicScolean	gammed) When perion is picked in UI, only one unit assected with get this action. Default to finise.  If there is not to death to finise.  If above is UI to down attention to it. Might be anonying it used often, recommended only for temporarily attentivensages and often, recommended only for temporarily attentivensages and action and the property of the property o	InGuillinking true														
1.14 InAladViewableDyAlles	bool	Allows ally players to see actions from this unit, useful for showing stats to other players (eg missile count, items collected)	ls/Also/ViewableIDyAllies: true														
1.14 IsAladViewableDyEnemies	bool	collected) Allows enemy players to see actions from this unit, useful for showing stats to other players (eg missile count, items collected) All-How the All uses this action	ta/Ato/ / levableity Cremies: true														
1.111 al_latighPriority	Logiciloolean	Use this for faction selection actions or other high priority	al_ishighPriority: true														
si_isDisabled  1.112 si_considerSameAsBuilding	Logiciloolean	al_attighPriority is true this might be ignored)	al_lsDisabled: false al_considerSameAsBuilding: true														
j		Be careful with Triggers - These skip the queue and do not use price, ignores isLocked, buildTime, etc	(Use 2 actions and alsoQueueAction to automatically add an action to the queue)														
		igrores isLocked, buildTime, etc													-		_
austroppic/scaret	event	And the highest often as even in happening on a particular and Coptons coloned companion of the happening on a particular and Coptons coloned companion of the happening and t	aalingachilan quudurbooksishishishipristatiin)														
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1.1500																			
1.15p0		action refs	Adds another action into the normal unit's queue. Ignores action's requirements  Defaults true, also TriggerAction and also Queue Action are ignored if this works out to be false.	alsoQueusAction: spawnMinions															
	alsoTriggerOrQueusActionConditional alsoTriggerOrQueusActionWithTarget	Logiciloolean	Letsuis true, also registration and also upsuarction are ignored if this works out to be false. Changes the target of the triggered action, normally defaults to the current artists leaved. Differts there like.	alsoTriggerOrQueueActionConditions! false					-										_
	alsoTriggerActionRepeat	logicNumber	Changes the target of the triggered action, normally defaults to the current action target. Effects things like for TurnetAHGround, spawnLints, thisActionTarget(), etc. Repeats the also TriggerAction call, thisActionIndex changed on each repeat - Useful is create loops or work with arrays.	alsoTriggerActionRepeat: 5					_	_									_
	playSoundAtUnit	anned and	Lord around to also refere delical facilities	playSoundAtUnit engineStart.ogg															
	playSoundGlobally playSoundToPlayer #****	sound ref	Outcome - Fire projectile from turnet	playSoundSlobally: homWen egg playSoundToPlayer: confirm wav					_	_									_
		turnet red	When action finishes fire target turnet at point on ground, bygasses canShoot rules in turnet.  If not sait places benefit the covered with GUIL if a roof is sait.	freTurreDCAGround: mukeSilo															
$\vdash$	forTurre(XA)Ground_withOffset forTurre(XA)Ground_withProjectile:	point projectile ref	typasses canShoot rules in furret.  If not set player targets the ground with GUI, if a point is set this step is skipped.  Used with first TurnsCV4Ground. Defaults to target turnsfix normal projectile.  Fixes a furret aimed at the location of the indicated unit or	feeTurreCAGGround_withOffset: 0,0 feeTurreCAGGround_withProjectile: nuke		$\vdash$	_		$\rightarrow$	_									_
1.15	fireTurneDXAGround_withTarget fireTurneDXAGround_count	unitref	formus projectse.  Fires a turnet aimed at the location of the indicated unit or marker.  Number of projection to fine Defaults to 1.	ferTureOV6Groud_withTarget: batCamagedby															
1.13.3	freTurretXAtGround_onlyOverPassableTileOf		marker  Number of projectiles to fine. Debauts to 1  City) allow lifes crossable by this movement type to be selected (e.g., LARD, BULDING, WATER, HOVER)  Deves decals at the larget location. Recommend setting up decals with layer handles	terTurneEARGround_count: 3 ferTurneEARGround_cntyCverPassableTileOf: HCVER															
1.15p11	forTurrefXAGround_showGuideDecals	decal refs	Draws occas at the target location, recommend setting up decals with layer inactive Outcome - Spawning	fre Turre CK4G round_show Guide Decalls: strike Zone 300															
			Section with asyst installed Outcome - Spawning NOTE: There is a section for all possible modifications to spawnibilit, type "spawnibilits:LIST" in the Search function of the spreadsheet																
1.13.3	apawerUnits	unitref	Spawn units at action's target. See 'Spawn units line' section in	eg: spawnUnits: heavyTank, tank*5, hoverTank(offsetX+10)															
	spawnEffects	effect ref	Like spawithis but unit exits as if it was produced normally, and gets a move sway waypoint. Effects to spawn at unit	posicione: custor e, pastisiane e spawififica: CUSTOM pelf															
1.14	offsetSetAbsolute:	pointSid		offsetSetMbsolute: 0, 0, 40															
1.15p11	telepor(To	unit refirmarker	fireTurretX with teleporting projectile	teleportic: memory/set/Location															_
$\vdash$	addUnitsIntoTransport	unitTypes unit ref	Outcome - Transport Changes Creates and add units into transport, use self: transporting County's to check for space before adding (Currently between in 1.15 - Gon't use) instantly tries to transports existing units on the many into this transport. Might tall if nakes don't allow his unit to be transported.  Bereview a reventiled smort of Composition.	addUnitatrioTransport tank*3, heavyTank(neutralTeam=true)		$\vdash$				-									_
	deleteNumLinitsFromTransport	unit ref	transports existing units on the map into this transport. Might fall if rules don't allow this unit to be transported. Removes a specified amount of cargo units	deleteNamUnitsFromTransport: 2															
1.13.3	deleteNumLinitsFromTransport_onlyWthTags startLinicadingTransport	string(x) bool	tail if rules don't allow this unit to be transported.  Removes a specified amount of cargo units.  Removes a specified amount of cargo units, but only those exist specified by the specified by	deleteNumChitsFromTransport_onlyWithTags: cheapStuff startUnloadingTransport: true					_	_									_
1.13.3	forceUnloadTransportNow	bool	For unload all units, or slot targeted by forceUnloadTransportNow_onlyOnSlot. Unloads even if no space or overwater, etc	forceUnloadTransportNow: true															
1.54	forceUnloadTransportNow_onlyOnSlot	jeens .																	
1.13.3	clear AUViaypoints clear ActiveWaypoint	bool bool	Outcome - Waypoint Changes Clears all waypoints, be careful not to annoy players by removing their orders, representing waypoints is often better Clears only the current waypoint	clearAlWaypoints: true clearActivelWaypoint: true															
	addWaypoint_type	enum	removing that orders, preparating waypoints in often better Clears only the current waypoint 4545 as waypoint with a specific purpose. Options move, standardowe, gard siderfic, loadily, statick, recklain, respet, toto/fribagel, build, follow, seParasiv Target 6000 for use with selfwaypoint, yyperbuild Add to the static of the waypoint queue or the end If staget, reseasefull, fast for find or statich to waypoint cannot be added then thipper this action.	addWeypoint_type: move															
1.13.3	addWaypoint_unitType addWaypoint_prepend addWaypoint_triggerActionItTalled	uniTypes bool actions	Only for use with additiveypoint_type:build  Add to the start of the waypoint queue or the end  If target nearestUnit fails to find a match so waypoint cannot	add/Wypoint_uniType: turet add/Wypoint_prepend: false															
1.12.3	addWeypoint_triggerAction#Matched	actions	be added then trigger this action Triggers an action if a waypoint is legal	addWypoint_tiggerActionifikatched: VIP_target															
1.13.3	addWaypoint_target_neanestUnit_tagged	tigs	be added from trigger to a varyorist is legal fragment an exist of the varyorist is legal Automatically remove this wappoint if it has been active for longer than this term on the varyorist to a nearest of the properties the Part the varyorist to a nearest of the product is part to evaryorist or a nearest of the particle relation to the player such Coptons cours, neutral, allylicidium, ally energy, any, notices. Part to varyorist to a nearest of the thin the mandrum range specified.	addWypoint_larget_nearestUnit_tagged: assault, mechanized		$\vdash$	$\rightarrow$		$\rightarrow$	$\rightarrow$	_							$\vdash$	+
1.13.3	addWaypoint_target_neareatUnit_team	relation	the player's unit. Options own neutral, allyNotOwn, ally enemy, any, notOwn  Puts the variocist to a newest and with the	addWsypoint_barget_nearestEnt_seam: ally	_	$\sqcup$													
1.133	addWaypoint_target_nearestUnit_maxRange addWaypoint_target_mapMustSeReachable	bool	specified.  Puts the waypoint only if the waypoint target is reachable by the unit is o. If a unit control mass lan.	addWypoint_target_nearestUnt_masRange: 2000		$\vdash$	$\rightarrow$		+	$\rightarrow$	+	-		$\vdash$		-	<del>                                     </del>	<del>                                     </del>	+
	addWaypoint_target_mapMustBeReachable addWaypoint_target_fromReference addWaypoint_position_offseFxonSelf	unit ref	specified.  Puts the waypoint only if the waypoint target is reachable by the sunt [e.g., if a unit cannot cross two latands, the waypoint is not placed.)  Puts the waypoint to a marker or a reference unit  Duts the waypoint to a marker or a reference unit	addWypoint_target_fromReference: self-memory.lastDock		$\vdash$	$\rightarrow$		$\rightarrow$	$\rightarrow$								$\vdash$	+
1.13.3	acovaypont_posson_tromaction	bool	Puts the waypoint taken from an action that triggered this action	addWeypoint_position_fromAction: fireShot															
1.13.3 1.14 1.14p6	addWaypoint_position_randomOffsetFromGelf addWaypoint_position_relativeOffsetFromGelf addWaypoint_position_relativeOffsetFromGelf	point point teos	Puts the waypoint to a random relative coordinate Puts the waypoint to a relative coordinate Puts the waypoint to a random unit with specific tags	Bdd/Wypoint_position_random/diself-confielt add/Wypoint_position_relativeCitiesForeSelt 10, 20 add/Wypoint_position_relativeCitiesForeSelt 10, 20 add/Wypoint_position_relativeCitiesForeSelt 10, 20 add/Wypoint_position_relativeCitiesForeSelt 10, 20 add/Wypoint_position_relativeCitiesForeSelt.		Ħ	=7	==	$=$ $\mp$	#	=								$\pm$
1.14p6 1.14p6	addWaypoint_target_randomUnit_tagged addWaypoint_target_randomUnit_team	relation	Puts the waypoint to a random unit with a specific relation to	additional trad and other to the															
1.14p6	addWaypoint_target_randomUnit_mxxRange	int	energy, any, colicium  Puts the waypoint to a random unit within the maximum range apecified.  Distrogrey of incidences	addWaypoint_target_randomUnit_masRange: 1000			=												$\perp$
1.14	addAtlActionCooldownsTime addActionCooldownTime	ime ime	Adds cooldown on all actions, including cardiulids	addAlActionCooldownsTime: 4s addActionCoddownTime: 20s					_										_
1.14	addActionCooldownTime sddActionCooldownApplyToActions clearAlfActionCooldowns	action ids tool	Player cannot use action again for this amount of time Sets addActionCooldownTime's target. Defaults to this action. Removes all existing cooldowns on all buttons Distroyme. Januarities.	addiction/CoddownApplyToActions: retreat, transformFins clearABAction/Coddowns: true			$\exists$		$\exists$	$\exists$									$\pm$
1.12.2	playAnimation playAnimationitNdPlaying	animation id	Outcome - Animation Plays animation when the action is triggered Don't restart animation if this animation is already playing Finish last animation, including bland out	playAnimation: engage Thrusters playAnimation! NotPlaying: true			_		_	_	_								
1.13.3	finishPlayingLastAnimation stopLastAnimation	bool bool	Finish last animation, including bland out Slop last animation, skipping bland out Change learn to neutral. This team is affect to all other teams. Will be captured by nearby units unless [core]stayNeutral true	paper announcement repring a vale frame Playing Animation: true stopt astPainmation: true			$\equiv$		$\equiv$	$\equiv$									$\pm$
1.13.3	switchToNeutralTeam		Will be captured by nearby units unless (core)stayNeutral true is used	weltchToNeutralTeam: false														$\sqcup \sqcup$	
1.13.3	switchToAggressiveTeam switchToTeam	boolean logicNumber	is tillied.  Change to a bulli-in team that is aggressive to all other teams.  Does not get captured.  Faam id to switch to. Starts at 0. (but -1 for a neutral team, -2 for aggressive Team). Also supports dynamic values.	switchToAggressiveTeam: Irus switchToTeam: 2, switchToTeam: lastDamagedByJeamid	-	$\vdash$		-1	-	-	$\rightarrow$					-			_
4422	tskeResources	customPrice	tor aggressive seamy, Asso supports cyramic visuals  Outdome - Take Resources from other units  Resources to take (required to use take resources). And al- least 1 include key is needed.  Includes cargo units in taking resources	the Parameter Andrews					_										_
	takeResources_includeUniteInTransport takeResources_includeParent	bool bool	least 1 include key is needed. Includes cargo units in taking resources Include attachment parent or transport parent	takeResources_includeUniteInTransport true takeResources_includeParent true															
1.15		unit ref foat	include attachment pawer or transport pawer includes attachment pawer or transport pawer includes attachment pawer or transport pawer includes all units within the specified range. Used with includes/statiffsting-lange, defaults to own. Can be openplay/sight-for-priventery/secting-priventery includes all units without the specified tage in taking resources. Excludes all units without the specified tage in taking resources.	takeResources_includeReference: self.tastDamagedDy takeResources_includeUnitsWithinRange: 300															
1.13.3	takeResources_includeUniteWithinRange_team takeResources_excludeUniteWithoutTags	TeamRelation tags	Used with includeUnits/WithinRange, defaults to own. Can be: ownjathylatlyNotOwnjenemyjneutralijany. Includes all units without the specified tags in taking resources.	takeResources_includeUnitsWithinRange_team: own takeResources_excludeUnitsWithoutTags: truck, tanker					_										
1.13.3	takeResources_excludeUnitsWithTheseResources takeResources_excludeUnitsWithoutAlResources	bool	Excludes all units with custom prices in them Debutits to true. Triggers an action if any amount of resources is collected in the current collection action	the Personal and the best to be the personal transfer of the personal t															
1.13.3	takeResources_triggerActionffAnyCollected takeResources_triggerActionffNoneCollected	action refs action refs	the current collection action Triggers an action if no amount of resources is collected in the current collection action	takeResources_triggerAction(MayCollected: purify takeResources_triggerAction(NoneCollected: caliOtherTanker			-			-									_
1.15p11	takeResources_triggerActionForEach	action refs	Calls this action for each unit found by takeResource with the unit as thisActionTarget, and thisActionIndex counting up from zero.	takeResources_triggerActionForEach: manufacture															
1.123	takeResources_discardCollected	tool	zero. Just take resources from targets, don't addjor remove) to self Don't addiversove resource from target. This clones resources. Use with take/Resources_discard/Collected and take/Resources_triggerAction/SAny/Collected to make a resource addition.	takeResources_discardCollected: false						=									_
1.13.3	takeResources_keepResourcesOnTarget takeResources_masUnits	bool et																	
1.15	tskeResources_searchOnly	bool		takeResources_searchOnly: true					_										
1.54	takeResources_directTransferStoppingAtZero	bool	remaining resources will be transfered. Doesn't support use with some other take/Resources_* keys	takeResources_directTransferStoppingAtZero: true		$\vdash$													
1.13.3	convertResource_from convertResource_fo	customResource customResource	Name of custom resource to take from		_							_							
	convertResource_minAmount		Name of custom resource to give to	convertResource_form: juice convertResource_for sauce															
		foat foat																	
1.123	convertResource_maskmount convertResource_multiplyAmountDy	Soat Soat Soat																	
	convertiescurce_maskmount convertiescurce_multiplyAmountDy preserveriescurce_multiplyAmountDy preserveriescurceAmount	foat foat foat genee customResource	Skip if less than this amount in from". Defaults to 0. Likely not needed for most use cases.  Max amount to transfer between 'Born' and 'to' Defaults to 1. Amount to multiply when adding on 'to' (does not effect amount be	convertReacure, minAmount 10 convertReacure, manAmount 500 convertReacure, milliplyAmountlly: 1.5															
	convertResource_maskmount convertResource_multiplyAmountDy general	Soat Soat Soat Soat CustomResource Soat CustomResource	Skip if less than this amount in from". Defaults to 0. Likely not needed for most use cases.  Max amount to transfer between 'Born' and 'to' Defaults to 1. Amount to multiply when adding on 'to' (does not effect amount be	convertReacure, minAmount 10 convertReacure, manAmount 500 convertReacure, milliplyAmountlly: 1.5															
1.13.3	convetResource_maskmount convetResource_matelyAmountBy ##### ##############################	Sost Sost Sost Sost Sost CustomResource Sost CustomResource Sost	Sign if less than this amount in horse. Certains to 0. Listly not resided for notice as cleaning. Year's and "Mir Clea servoid to Stander Sealines" have and "Mir less as the control of the control o	conditionary, produced 15 conditionary, pulsiphorality 13															
1,123 1,123 1,123 1,123 1,123	consolitatora, malayarari consolitatora, malayi henariby jesse maorarkocat maorarkocat, safalus	unit types	Sign Face in the Sameous feet from Chelland to E. Liday of security from the Sameous feet from the Sameous feet from security from the Sameous feet from the Sameous feet from Chelland to 1.4 Feet from the Sameous feet from the Sameous feet from Chelland to 1.4 Feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet from the Sameous feet fr	immelliment, produces 15 immelliment, pushphoreolife 15 immelliment, pushphoreolife 15 immelliment of															
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(193) (193)	confidence, purioposado per  processo de la confidence de	general de la constitución de la	Sign from the national in the Orderland Schale or Sign from the National Schale or Sign from the Na	confidence, produced 19 confid															
(103) (103)	continuous, punkousto provincia prov	general de la constitución de la	The property of the property o	contribution, produced 19 confidence, publishering 19 contribution of 8 contribution of 8 contribution, publishering contribution, contribution contribu															
(103) (103)	confidence, pushesors  personal confidence pushesors  personal	phenomen of the presence of th	The property of the property o	contification, produced 19 contification, produced 19 contification, publisherably 13 contification, publisherably 13 contification of the contification of															
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(103) (103)	continuous, purdenessis continuous purdenessis purdene	Opening Control of the Control of th	Sign Families from Security State (1994). Sign of the Security State of the Security Sta	confidence, produced 19 concentrate of 19 concen															
(40) (40) (40) (40) (40) (40) (40) (40)	andrificance, purdenoses processors and processors	Opening Control of the Control of th	Sign Families from Security State (1994). Sign of the Security State of the Security Sta	confidence, produced 19 concentrate of 19 concen															
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(193) (193)	continuous, purdounced processing continuous purchase purchased processing continuous purchased purchased processing continuous purchased purchas	Comment of the Commen	Sign Families from a security from Chelland St. Salay of Management States of Management Stat	confidence, produced 19 concentrate 19 con															
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(10) (10) (10) (10) (10) (10) (10) (10)	continuous, purdounced procession and continuous purchosa	power of the control	Sign from the national from Chelden's Easily of the Same of the Chelden's Easily of the Same of the Sa	confidence, published 19 consolver, published 19															
(193) (193)	continuous, purisposation continuous, purisposation continuous, purisposation continuous, purisposation continuous continuous, purisposation continuous co	power of the control	Sign from the national from Chelden's Easily of the Same of the Chelden's Easily of the Same of the Sa	confidence, published 19 confidence, published															
1011 1011 1011 1011 1011 1011 1011 101	continuous, purioporation puri	power of the control	Sign from the national from Chelden's Easily of the Same of the Chelden's Easily of the Same of the Sa	confidence, purchase 19 concellence, purchase 19 co															
1000 1000 1000 1000 1000 1000 1000 100	continuous, punkousti punk	power of the control	Sign from the national with Challed the State of the Challed State of th	confidence, published 19 confidence, published															
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1402 1403 1403 1403 1403 1403 1403 1403 1403	continuous, purioporation presentations of purioporations of purioporation presentations of p	income of the control	Sign from the nation and the Chebrich Schale of Sanger Schale	confidence, produced 19 confid															
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103 (103 (103 (103 (103 (103 (103 (103 (	continuous, purisposado puesto continuous, purisposado puesto continuous purisposado puesto continuous purisposado puesto continuous puesto pu	incident of the control of the contr	Sign from the national with Chelland Schale and State an	confidence, purchase 19 confid															
101 101 101 101 101 101 101 101 101 101	confidence, purisposado por co	incident of the control of the contr	Sign from the national with Chelland Schale and State an	confidence, produced 19 confid															

1.12 hSpeed 1.12 hSpeedPandom	foat foat	Sets the speed to change the height of the effect Randomly change by -value to value	MSpeed: 1 MSpeedRandon: 1														
1.12 drOffset 1.12 drOffsetFlandom	foat foat	Sets the static direction of the effect	165peed/2ndom: 1 cor0nat 33 cir0This/Sandom: 50 dirSpeed: 2														
1.12 dr Offself Pandom 1.12 dr Speed 1.12 dr Speed Pandom	foat foat	Randomly change by -value to value Sets the rotation speed of the effect Randomly change by -value to value Graphics	drSpeed 2 drSpeeRandon: 3														
1.12 frameIndex frameIndexRandom	et bool -7	Use a specific frame from strip index Use random frame from strip index A built-in image set to use. Cannot be used with custom image.	frameIndex: 0 frameIndexPandom: true														
1.13 stripindex	inthing	A built-in image set to use. Cannot be used with custom image. Options: effects/explode_big/light_50/flame/effects/effects2/project/les/p- reject/les/2/symbols_bits.	stripledex: projecties														
1.13 Image   I	image image	A built of image are to use. Lannot be used with castom image. Options:  ethical equipode, big fight, 50 ffamily ethicale fects 2 [project fees ] reporties 2 [west of the castom image file to use. Cannot be used with striptindex.  Custom image file to use for shadows.  Defaults to 1.1 Resizes the unit for the apocified scale.	reage: whitePutt.png reageStandow: AUTO scaleSto 2														
1.12 scaleTo 1.13 scaleFrom	foat foat	Defaults to 1. Resizes the unit into the specified scale  Defaults to 1. Resizes the unit from the specified scale  Defaults #FFFFFFFF. Changes the color of the effect sorte.	scaleTor 2: scaleTors 4 color: #000#														
1.13 color teamColorRatio	color	Ordental to 1.7. Relations the unit is to see a position during Ordental to 1.1. Relations the unit from the specified scale Debaular #FFFFFFFF. Changes the color of the effect apple. Use power while spirit for most use cases. Safe team coloration between 0-1. Team color is dependent from accura unit.	color: MEDORI team Color/Ratio: 1														
5.13 drawUnderUnits 5.13 tadeInTime 5.13 tadeOut	fost	Renders the effect under all units Fade siphs from 0% to 100% for this time at start	drawilinderlinds: false fadeln'Time: 2s														
1.13 fadeOut alpha	bool	Fade alpha from 0% to 100% for this time at start. Fade alpha from 100% to 0% based on life. Set alpha is higher than 1 to delay fade. Capped between 0-1. Can be set higher than 1 to delay tade.  (c) Alpha between 0-1. Can be set higher than 1 to delay tadeOut effects.	fadeOut 4s alpha: 1														
shadow s.15 pivolOffset	foat	True to draw a shadow. Forced true if imageShadow is used Similar to dirOffset, this will also rotate relative keys and child	shadow: false pivetOffset: 20				_										
1.15 pivotOffsetRandom	foat		plvotOffseRandom: 34														
1.13 total_frames	int	Animation Total frames of Image', used with animation or frameIndex. Only needed with custom images Starting frame for the animation	total_fame: 10														
1.13 animateFrameEnd 1.13 animateFramePngPong 1.13 animateFrameSpeed	et et		animate FrameCnd. 3 animate FramePingPorg. true														
1.12 animateFrameSpeedRandom	time time	Sets the animation speed. The lower the value, the allower it plays.  Randomizes how fast the effect animation plays.  Debuts false. When false effect is removed when animation.	animateFrameSpeed: 10 animateFrameSpeedRandom: 20														
1.54 animateFrameLooping	bool		animaleFrameLooping: true  Use this to make intricate animations based on different circumstances														
Section Code	Value Type	[animation_NAME]	Use this to make intricate animations based on different circumstances Example														
1.13 onActions:	enum	Automatically plays the animation on specified events. Options: move, attack, idls, under/construction, under/Constructivitific hissofical time, quased/brits, repair For on-Action: quased/brits, Amount queue needs to reach before starting, and between 0-1. Bland with last animation for this time.	orActions: move														
1.13 cnActionsQueuedUniPlayAt 1.13 blendin:	foat Sme	For onAction: queuedUnits. Amount queue needs to reach before starting, set between 0-1 Blend with last animation for this time	coActionsQuauedUntPlayAt: 0 blends: 2s														
1.12 blendin: 1.13 blendOut: 1.13 phpPong	time bool	Play animation in reverse after it ends	blendDut: 3s pingPong: true														
1.12 KeyframeTimeScale:	foat	Scales as keytrame times, useful to make an animation fasterslower without changing everything Keytrames - create as many as needed	KeyframeTimeScale: 1														
5.53 arm#_[Sire] log#_[Sire]		Keyframes - create as many as needed  Adds a keyframe at time. Use multiple times to create animation.  Adds a keyframe at time. Use multiple times to create	arm 1_Sec (c. 5, de: 50 ) leg1_3ec (de: 500)														
body_(time)		animation.  Adds a keyftame at time for body. Only frame and scale allowed on body.	body_4x (trans: 4, scale: 0.5)			-	_						_				
1.56 effect_[time]			effect_Zx: (name:CUSTOM(myExplode, x: 0.y: 5)														
direction_units direction_strideX:	foat int	Overides [graphics]animation_direction_units while this animation is playing Overides [graphics]animation_direction_strideX Overides [graphics]animation_direction_strideY	direction_units: 45 direction_utridek: 20			 		_=						$\perp$			
direction_strideY: direction_starting:	int foat	Overides (graphics)snimation_direction_strideY Overides (graphics)snimation_direction_starting Deprecated Keys (can be used but there are better ways)	direction_einideX: 20 direction_einideX: 50 direction_etaring: 0				$\equiv$										
1.13 electrical 1.13 end-cell		interiorage forms-deprecated  ind-image-forms-deprecated  ind-image-forms-deprecated			=	_	_		=	=							
1.13 coin_sist - fact 1.13 coin_sist - fact		Distriction Depression, use body haybarnes instead- Lod scale. Depression, use body keyfarnes instead.															
1.12 opendi-linai		-y smarer or reaso. Grby effects start, and, ecolo-start, state-and											$\perp$	$\perp$			
Type Code		spawnUnits:LIST	Spawn lines apocifically for units, used with funit ref" value types Example														
g			spawnUnits: crates*10(neutra/Team+true), tank(spawnChance=0.5)														
1.522 neutral Team  1.522 setToTeamOfLastAttacker		Spawn the unit on the neutral team instead of the same team as source Spawn the unit on the last attacker of source (useful on [core] unitsSpawnedOnDeath)	apsentinits: tank"3/psuhs/Teamrine, offsetRandonX+20, offsetRandonY+20, gddAlgs-inse) apsentinits: agglesToTeamOfLastAffsctor-inse)		-1								-	-			
1.123 spawnChance	04	unitsSpawnedCnDeath) Chance this unit will spawn. Defaults to 1. Changes spawn location and team of spawned units to this unit.	spawnUnits: shards(spawnChance=0.3)		=	$\rightarrow$	$\rightarrow$		$\rightarrow$	$\rightarrow$			<b>—</b>	$\vdash$			
1.13 spawnSource 1.133 maxSpawnLimit	unit ref	Useful with spawnChance, max number of units to spawn in	spawnlinis: tankippawnSource+memorylast.ccation) spawnlinis: teeA(spawnChance+0.5, maxSpawnLimi+1), teeB(maxSpawnLimi+1)			_											
1.513 gridAlign 1.513 skipITOverbapping	bool	Align spawn location to grid, useful for buildings  Don't spawn this unit if spawn in an invalid location. Eg on units or over water when I AND house!	spavenUnits: hovertankigstAkigs: true) spavenUnits: crates*10(skipitOverlapping=true; offsetRandomX=40, offsetRandomY=40, gridAlign=true)		=	$\neg$	$\exists$	=	$\exists$	=							
1.133 offsetX 1.133 ofsetY 1.133 ofsetDr 1.133 ofsetDr	foat foat	Sets horizontal position relative to source	spaceLinits: jetjoffset(>20), jetjoffset(>20) spaceLinits: scouljoffset(>40), scouljoffset(>40)														
1.113 offsetOir 1.113 offsetGeight	fost fost	Sets the height for spawned units	spare/Linits: scoul/other(Y=40), scoul/other(Y=40) spare/Linits: biosofess(D==45) spare/Linits: done (other(be)=00) spare/Linits: done (other(be)=00) spare/Linits: done (other(be)=00)			$\equiv$											
1.122 offsetRandomX offsetRandomY offsetRandomDr		Sets random horizontal position relative to source Sets random vertical position relative to source Set random facing direction of spawned units	spawe/Links: Kif*(pdfiseRandomX+45) spawe/Links: conseen**(0(cfiseRandomX+50) spawe/Links: chickens*20(cfiseRandomX+203)			_+	_ +		_	_			$\vdash$	⇇			
1.122 addResources  5.54 transported/initsToTransfer	resource ref	Give spawn unit those resources, can be used to set flags that trioper actions	spawnUnits: crates(addResources*gold:30)slone:10, spawnChance*0.5)														
1.54 transportedUnitaToTransfer 2.55 copyWaypointsFrom 2.54 alwayStarDtAZero	unit ref	Copies all waypoints on target to created units.  Sets the direction of spawned unit to 0 degrees.	apawer.Linits: transporter/transporter/Linits/To/Torrater=5) apawer.Linits: transjoogy/Waypointe/Foor=welf) apawer.Linits: builder/jalvay/StanDirAtZero=hue)														
1.16 alwayStarDitAtZero damagingBorder zoneMarker	bool	Used with techLevel Used with techLevel	spawerLinits: builder(alway/StartDirk-Zart>=hue)														
techi.evel	int	Usually used in SIR maps, controls the size of safe zone markers and damaging borders. 1 techLevel = 10x10 tiles = 200 pixels in diameter	spawni/inits: damagingBorder(lechi.evel+100), zoneMarker(lechi.evel+43)														
1.14 Type		spawnProjectiles:LIST	Spawn knee specifically for projectiles, used with "proj ref" value types														
NOTE: If you need to use offsetfoir to rotate your proj direction (like for shrapesi), you must also set these enough to force their trajectory.	jection in a different	Description Example:															
enough to force their trajectory	projection agreem non	Most projectile spawning keys used for projectile ref	project  4_main    spawnProject  sectonExplode: shrapnai offsetDir=99 , shrapnai offsetDir=46   project  4_mappet   strrdpsect: 0														
1.14	foat int	Most projectile spawning keys used for projectile ref Chance this projectile will spawn. Defaults to 1. Maximum amount to spawn	spawnProjectlesOnEndOfLfit: secondary'3(spawnChance=0.5) spawnProjectlesOnExplode: bomblef'3(spawnChance=0.5, maxSpawnLimit=2)														
1.54 recursionLimit	int	Maximum amount to spawn Prevents loop, useful with spawning itself so it doesn't infinitely spawn, good for chain exploding, (Recommended no more than 4 if spawning some than 3 projecties)  Falls believed another	spawnProjectleCnEndOE/le: famingBlts*4(spawnChance=0.35, recursionLimit=2)														
1.54 oftwork 5.54 oftwork	foat	Sets horizontal position Sets vertical position	opere/Impocision/Cireate: shot(pifestid=10, recursionLimit=0); shot(pifestid=10, recursionLimit=0); shot pifestid=10, recursionLimit=0); shot pifestid=10, recursionLimit=0, shot pifestid=10, recursionLimit=0; shot(pifestid=10, recursionLimit=0); shot pifestid=10, recursionLimit=0; shot pifestid=10, recursionLimit=10, shot pifestid=10, shot pifestid=10, recursionLimit=10, shot pifestid=10, shot pifesti			-	-		_								
5.54 xOfterRelative 5.56 yOfterRelative	fost	Similar to offsetX, but the offset is relative to the position of the projectile. Similar to xOffsetRelative, but for Y axis.	passer in, recommendation of the passer in t														
1.14 ofterRandomX 1.14 ofterRandomX 1.14 ofterRandomY	foat foat	Random value to offset in the X axis only Random value to offset in the Y axis only	sparafrojectiku/fr, risaki- normigu nergypu, materiatavi-o, yumateriatavi-o () gasarfrojectiku/fili spidosi singulate/offinetra/anoni/o-10, dimeteRandoni/o-100) sparafrojectiku/fili spidosi: strayfu alet/offinet/Randoni/X-10, offinet/RandoniY-200)			$\rightarrow$											
1.14 offsetRandomXY 1.14 offsetRandomXY	foat	Amotion value to offset in the X axis only Random value to offset in the Y axis only Random value to offset in the Y axis only The offset in both decclores to randomly apawers, makes truly random spanning within an axes Sets height of the projectile	spawnProjectisCnfLndOfLife: shrapnels*26(spawnChance=3.2, offsetRandomXY=100) spawnProjectisCnCreate: acyte(offsetFeight+20)														
	degreex degreex	Eate desiles of the exclusive													1		
Type Code			spawnProjectleCnExplode: stars(offsetDit+45) spawnProjectleCnEndDt.ite: fnewcrks(offsetRandomDit+72)														
true	Datumo	LogicBoolean_	spacePojactikOnEndOt.lis: fineucrisiphisePlandonDt+72) Advanced code to create conditionals and higgers Exercise														
tros false	Returns tool tool	LogicBoolean_	Advanced code to create conditionals and higgest Example satisfrages: two														
brise e end	Returns bool bool	LogicBoolean_ Description This value will meet the condition This value will not meet the condition This value will not meet the condition Start at lags bookean with it, unless just using bookeans Unified.	Asserted code to orate conditionals and higgers Exercipe sublingues has sublingues has sublingues has sublingues fails subclingues fails														
fatine  if  and  or	Returns bool bool bool	LogicBoolean_ Description This value will meet the condition This value will not meet the condition This value will not meet the condition Start at lags bookean with it, unless just using bookeans Unified.	Asserted code to orate conditionals and higgers Exercipe sublingues has sublingues has sublingues has sublingues fails subclingues fails														
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self.numberO6AttachedUnits() self.isAttacking()	int / bool	(withTag, greaterThan, lessThan) (1.15 returns int with no parameters)  Checks if the unit is attacking something			$\vdash$			$\Box$	-T	-7	$\neg$	-			-					$\vdash$		+
self hasActiveWaypoint()  1.15 self numberOfQueuedWaypoints()	bool et / bool	(parameters: type=WAYPOINT_TYPE) (parameters: type=WAYPOINT_TYPE, amount=#)	Sets Villagolist - Squell has Active/lagolist/ppe=*inovir/j test: Villagolist - Squell has Active/lagolist/ppe=*inovir/j test: Villagolist Coue - Squell numberOlQueued/lagoliste/ppe=*atack/love*) >= 2) tequireConditional: if self transportinol/of/Hith Transportinoler=*human*)																			
self transportingUnitWithTags()	bool									_												
self.hasParent) self.hasTakenDamage()	float / bool	Checks if a unit is attached or a passenger of a unit. For both attachments and transports (parameters: [withTagra()) Checks when the unit last look damage (parameters: withinTagrandam): [withTagrandam]. (wit 45 subsess final in	Selection if self-loss Department all his second al		_	<u> </u>	_	+	+	$\rightarrow$	-	-	-		-		_	_	<del>                                     </del>		<del>                                     </del>	+
	_	Checks when the unit last look damage (parameters withinsiccondex), when Thansiccondex) (vir.15 shutms foot in seconds with no parameters). Checks how long the unit is allow (parameters: withinsiccondex), (vir.15 shutms foot in seconds with no parameters). (vir.15 shutms foot in seconds with no parameters). Check he time the unit last converted the no (parameters). Check he time the unit last converted the no (parameters) accorded with no parameters (parameters).	lsActive: if self hasTakenDamage(withinSeconds=1)																			
self.timeAlive()	float / bool	withinSeconds=X, laterThanSeconds=X) (v1.15 returns float in seconds with no parameters)	IsLocked: if self 5meAlive() > 100																			
self.lastConverted()	float / bool	withinSeconds*X, laterThanSeconds*X) (v1.15 returns float in seconds with no parameters)	IsLockedAlt2 if self lastConverted()																			
self customTimen()	Soat / bool	seconds with no parameters) Returns the current value in the unit's custom timer (parameters: withinSeconds=X, laterTharSeconds=X) (v1.15 returns float in seconds with no parameters)	autoTrigger: if self.customTimer() > 120	L	L	┖	LT	Ц Т	_ T	_ 7	T	_ ヿ	_ 7	_ 7	_	 	LĪ	L	L	LΠ	L	
sef.isOnNeutralTeam()	tool	Checks if the unit belongs to the neutral team (Team ID-1) Checks amount of player units that meet the parameters (parameters: with Tap, greater Than, less Thon, within Range, incomplete Buildings, factory Queue) (v1.15 returns in with no								-1												_
self.numberOfLiniteinTeam()	int / bool	(parameters: withTag, greaterThan, lessThan, withinRange, IncompleteBuildings, factoryQueue) (v1.15 returns int with no parameters)	bLocked: if numberOfLinitainTeam(withTag+*schUnlockBuilding*, lessThan+5)																			
self.numberOfUniteInAllyTeam()	int/bool	parameters.  Checks amount of allied and player units that meet the parameters (parameters: with Tag, greater than, less than, withinRange, incomplete fallidings, factory/Gueue) (vf. 15 returns int with no parameters).	description: TEAM %jaelf.teamName(in/nTank Population: %jaelf.numberOfUnitainAllyTeam(j)																			
		returns int with no parameters) Checks amount of allied only units that meet the parameters (parameters withTag greaterThan, lessThan, withirRange, incompleteBuildings, factoryQueue) (v1.55 returns int with no																	-			+
1.14 self.numberOfUniteinAllyNotOwnTeam()	int/bool		isActive: If self.numberCfUnitalnAllyNotOwnTeam() > 100																			
1.13.3 self.numberOfUnitsinEnemyTeam()	int / bool	parameters) Checks amount of enemy units that meet the parameters (parameters: withTag, greaterThan, lessThan, withinRange, incompleteBuildings, factoryQueue) (v1.15 returns int with no	autoTrigger: if self.numberOfUnitsinEnemyTeam(withinRange=500) > 0																			
		parameters) Checks amount of neutral units that meet the parameters (parameters: with Tag, greater Than, less Than, within Range, incomplete Buildings, factory Queue) (v1.15 returns int with no neutronials).							-	$\rightarrow$			_						<b>-</b>			+
numberOfUnitsinNeutralTeam()	int / bool		isVisible: if memory deadzone.numberOfJinitsInNeutraffeam() >= 10																			
1.54 numberOfUnitsInAggressiveTeam()	int / bool	Checks amount of aggressive neutral units that meet the parameters (parameters with Tag, greater Than, less Than, within Range, incomplete Buildings, factory Queue) (v1.15	Is/Visible: if memory deadzone.numberOfUnitsInAggressiveTeam() >= 30																			
1.15p9 rumberOfUnitsInAlTeams()		withmolatigs, incompassausioning, raconyclassis (v1.15 telums int with no parameters).  Checks amount of any units that meet the parameters (parameters with Tag, greaterThan, lessThan, withinRange, incompleteBuildings, factoryQueue) (v1.15 returns int with no narameters).	text: Birds: NejnumberCRLinkshAlTeams(withTag="bird")						_	_									_			+
	int / bool	IncompleteBuildings, factoryQueue) (v1.15 returns int with no parameters)																				
self hasUnitin Team() 1.122 self noUnitin Team()	bool		at.ocked: if self hasUnithTeam(withTag="fish") at.ocked: if self notintinTeam(withTag="infected")							_									-			
self isControlledByAk)	bool		text: Robot? "Viselectinelf.isControlledByAi". "Yes". "No"li																			
1.15 self-read-UnitMemory()	any type		isActive: if parent readUnitMemory(boostTarget', type="unit") == self																			
thisActionTarget	unit / marker	Current target or location targeted.	InsTurnsCAnGround: mainCaun (thinActionTarget—Manner with ground location)  Bernit Derford, in the Cause of t																			
			take Resources, (rigger-Action/BAryCollected: x (this/ActionTarget == Target with resources) add/Naypoint, (rigger-Action/Bhatched: x (this/ActionTarget == Marker for move/Target for attack, etc. Note: use add/Naypoint, maxThrec0 if you want to search only)																			
thisActionIndex	int	Used with alsoTriggerActionRepeat and takeResources_triggerActionForEach	where the interrigence, learning to the same of the sa																			
eventSource	and I mention	Current trigger from an autoTriggerOnEvent, otherwise null	auto Trigger OnEvent: tookDamage (eventSource+-Unit that caused damage) auto Trigger OnEvent: killedAnyUnit (eventSource+-Unit that was killed) auto Trigger OnEvent: transportingNewEuto (eventSource+-Unit that was transported)																			
WILLIAM CO	LIII,7 Haikei	Control eight son an accompany control of control	aub TriggerOnEvent: transportLinisadedDrRemovedUnit (eventScurce==Unit unicaded) aub TriggerOnEvent: queuedUnitFinished (eventScurce==New unit made) aubTriggerOnEvent: touchTargetSuccess (eventScurce==Target touched)																			
attachment	unit	[withTag])	enceson argus, secasas en (entrag-x) secon argus y gerona en (																			
s.ss transporting attacking	unit	Returns unit passenger as reference (parameters: [slot[)	autoTrigger: if self transporting(slof=0) hasResources(gold=100) st.ocked: if affacking tags(includes="bug") and attacking hp < 20						-	$\dashv$	-	-	-	-	-							+
lastCarragedBy corent	unit	Last unit that attacked this. The transporter or attachment parent. (Note: units are	Salcades of stancing lapsplenciates (**sp) and stancing hip = 20 Happortis lastChamportis) AshTrigger Eparent energy = 100 AshCham of stances(**sp) = 100 AshCham of stances(**sp) = 100 AshCham of spant contains Targert = and						=	=											-	1
parent activeWaypointTarget	unit	suspended state when transported without attachment slot)  Current active waypoint target. Includes attacking, transporting.	inActive: if distanceBetween(self, activeWaypointTarget) < 100		_			$\vdash$	+										<b>-</b>		1	+
customTarget1 customTarget2	unit	Custom memory, defaults to the unit that created this unit.	isLocked: if parent custom Target1 == self						=	=												_
nearestUnit	unit	(withinRanger-500, withTager'x', relation='any') Search for a unit	mili umetovaurouno_wenz-osson: custom targetz																			
globalSearchForFirstUnit	unit	(withTagrix, relation) - Returns first (and cidest) unit found matching the filter. Slow, avoid using in autoTrigger checks	self_closer ranger resembling very larger self_closer relation='neutral') self_closedSearchForFireIsInh)withTag='gameController', relation='neutral') isLockedAli2: if self_parent! == rullUnit						$\neg$	=												
Passe	unit F	Marker functions	modernmod if set parent == number						_	=			=									1
	L.	creates a temporary marker at the position a unit is right now. Markers are very fast to create and automotivativ news —I																				
Dec-swares.	marker	creates a temporary marker at the position a unit is right now. Markers are very fast to create and automatically removed when no longer needed. In not linked to any unit and still estate when the unit dies, and stays the same when source moves.	teetDamagedDy.getAsMarker()																			
9.15 getOffsetAbsolute	marker	[[d,b][[height]] Returns marker with absolute offset (-y is north,	add/Wypoint_target_homReference: unitref.getCffaetAbsolute(self.x, self.y+1000, self.z)					<del>                                     </del>	$\rightarrow$	-		-			-							+
getOffsetRelative	marker	((p(),() (height),(dirOffset)) Returns marker with relative offset. (y+ is forwards)	self.getCffsetRelatively=100).nearestUnit(withinRange=70, withTag='mouse') != null																			$\perp$
eventSource	event	Returns the event from autoTriggerOnEvent, rull if used outside of a valid autoTriggerOnEvent	self.gelCthesRelatively=100);nearestLink(withinRange=70, withTag="noces") i= null test. Event: %[eventScorce]																			
readUnitMemory	all arguments	Global functions  Reads memory from the unit reference (e.g. self- read/Unit/Nemory, parent read/Unit/Nemory, attacking.	self.read.intMemory(ammo?yse', hype='string'), parent.read.intMemory('attachmentArray', hype='unit  f', index=0, attacking.read.intMemory('elethiat', hype='string f' fit3						-+	_	- +											1
memory.NAME	self only		aubTriose: Emerory.exercience > (FO		<del>                                     </del>			++	+	-+	+		-+	1					+		1	+
·		Shortcut to read the self with current defineUnitMemory types. Cannot be used on other units, use readUnitMemory for that. Don't call with self. Array Memory methods, usable on both memory logic			_	<b>—</b>	<b>—</b>	+	+	$\rightarrow$	-	$\rightarrow$	-	-			-	-	+	_	1	+
memory.NAME.size	int	Returns the size of the array (including empty indexes between	setUntMemory: squadSize = memory.squad.size						-+													1
memory NAME contains(query)	bool	Returns true if the query is found within the array. Basically searches something if it exists.	autoTrigger: if memory.savedCoord.contains(lastDamagedBy.customTarget1.customTarget1)																			
datance(x1, y1, x2, y2) datanceSquared(x1, y1, x2, y2)	foat foat	Returns the squared difference between two points. Bit faster	isLocked: if distance(self.x, self.y, thisActionTarget.x, thisActionTarget.y) > 350 isLocked: if distanceSquared(self.x, self.y, thisActionTarget.x, thisActionTarget.y) > 19						-	_												
datanceBetween(unit1, unit2)	foat	Returns the distance between two units or markers	isLocked: if distanceEletween(self, memory antenna) > 1000																			
datanceBetweenSquared(unit1, unit2) game.nukesEnabled()	foat bool	Itan catanoeuesween	isLocked: if distanceSetwenSquared(self, memory antenna) > 100 isActive: if not game.nukesErabled()																-	-		+
Int(x) select(bool, textA, textB)	int	Removes decimal places from a number.	lak-Clive: Finol game scisesEmable() stack_indexCount: Int(12" (setEstAemount "0.1) setEntMemory: intleasX = setect(setExtSet).						$\rightarrow$	=												-
debug(logic@colean)	string	returns textA if bool is true otherwise returns textS Returns a text string helping to explain the reason for the current result. Can see into nested logic, comparisons, and	description: [DEBUG] %/debug(self.x > self.y)}																			
sh(x) subshing(sut,start,end)	string		stripelf.energy)+'x' == '100x' substripe/hastic 0.71 are 'be'																			
length(string) squareRoot(num)	et foot	Convert a number, unit or boolean into a string Takes a part of the string from the indicated start and end parts Returns string length as number Requires square not on humber Dates the amendant number	Hardining (Hello, (L.) Hello, (L.) Hel						$\rightarrow$	_		=							-			1
min(num1, num2) max(num1, num2)	foat foat	Returns the biggest number	Garage = min(self.pp, self.energy) max(5, 10) == 10						$\rightarrow$	_									-			-
createMarker(x, y, [height], (heartid), (dir))	marker	Creates a marker that can be used to place coordinates for	fireTurreDCAtGround_withTarget: createMarker(self.x + 500, self.y + 500)																			
eventData(name, type, (detault) sin(angle)	any type	various actions Displays the data from a specified message from some unit. Only use in autoTriggerOnEvent.newMessage events Takes the sine value of a specified number	text: %(eventData(name="mag", type="ating"); sin(10) = 0.173																			
cce(angle)	foat	Takes the cosine value of a specified number Produces a random number between minimum and maximum.	cos(60) = 0.5																			
md(min, max) lowercase(string)	foat string	input. Sets all letters from a string into lowercase	md(665, 886)  lowercase ("Spagheti Macaroni Lasagra") -> "spagheti macaroni lasagras"  sppercase ("fah dah wish") -> "FISH DISH WISH"						-	$\rightarrow$									-	-		+
uppercase(string) direction(x1, y1, x2, y2)	thing Sout	Sets all letters from a string into uppercase Returns the relative angle of x1/y1 and x2/y2	appercase("fah dah wish") -> "FISH DISH WISH" direction(self.x, self.y, shakking.x, shakking.y) direction(self.venteef.self.self.self.self.self.self.self.s																			
drector@etveen(unit1, unit2)	foat	Returns the relative angle of unit/marker A and unit/marker B Returns true if unit (or marker) is with the game area; Returns false if outside bounds	directionDeleven(self, lastDamagedBy) autoTriccer: if not self.istnMacri)																			-
game.mapWidth() game.mapHeight()	foat	Returns the width of the map  Returns the height of the map	treTurreCX4Ground_withTarget: createMarker(md)0, game.map(Width), md(0, game.map(Height)) treTurreCX4Ground_withTarget: createMarker(md)0, game.map(Width), md(0, game.map(Height))																			
self teamDefeatedTech() self teamWpedOut()	bool	Returns true if team is defeated  Returns true if team is defeated and wiped out	autoTritgger: if aelf teamfilipedDut) subTritgger: if aelf teamfilipedDut)																			
self teamWclory()	bool	Returns true if team is victorious	Bullo (rigger: if self seamivicacry()							_												
Type Code	Value Type	Description	Allows creation of rules for requiring buildings Example	-					-										-			+
1.54 anyRuleinGroup:	string	(Only require 1 of the rules in this group pass, instead of all. Use the same group name on other placement rules to create a group.)	anyRuleinGroup: atruct																			
1.14 searchTage: 1.14 searchTears:	teg list	Search for any unit with at least one of these tags	searchTags: factory						$\rightarrow$	_		=							-			1
	foat	Teams to include in search, can be: own/neutral/jailyNotOwn/jaily(enemy/pany defaults to 0	searchTearr: own searchOffsetX: 500																			+
5.54 searchOftseCC: 5.54 searchOftseTC: 5.54 searchOstance:	foat foat	Setsulis to 0 detaulis to 0 Required	searchOffseth: 200 searchOkstance: 500							=												
1.14 exclude/ncomplete/Euldings:	tool	defaults to false. Might want to set to true depending on the requirement reason	exclude/incomplete/Buildings: true																			
1.14 minCount	int	Required defaults to false. Might want to set to true depending on the requirement issued: calculate to false determine and of units that need to be found in search, (eg- need to be near anomabrilg). Defaults to O and the search of the false and the default of the defaults are controlled to the later make false (eg- cannot be done to something). Defaults to unlimited.	minCount: 0																			$\perp$
1.54 maxCount:	int	Set max amount of units before match fails (eg cannot be close to something). Defaults to unlimited	rsscCount 1																			
1.14 blocksPlacement: 1.14 carnotPlaceMessage:	LocaleString	Nighty Recommended. Message shown to player if this rule talls (will be first falling rule if using anyRuleinGroup).	cannoPlaceMessage: No factory is nearby'																			_
1.14 checkCachTile:	bool	to something). Defaults to unlimited Defaults to true. Righly Recommended. Message shown to player if this rule talls (set the first failing rule if using amplituhinificitiop). Defaults to the great to false to only was unit center, true checks each title under the unit which shows up on the placement grid. Can be easier to one enquirements with true).	checkEachTie: false						_	_												
		Prices/Resources lines -			_	'			- 1	- 1	- 1	- 1	I	- 1	- 1		_	_	_			
Type									-		-+	-										
		used by addResources,							$\dashv$													
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	LocaleString bool foat color bool string	price c CC  The control of the contr	post for TSS come TSS																			
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	Lond-Strap	Price C C C C C C C C C C C C C C C C C C C	Company Compan																			
	Vanishing  Vanishing	price c, ccc Charles research and an extraction Charles research Charles Char	provided to the control of the contr																			

		_															
1.14	displayRoundedDown Type	value type	Rounds off resource values with decimals  [decal_name]	displayRoundedDown: true  Comple													
1.15p9	# Graphical #		Takes a single image for the decal - NOT TO BE CONFUSED WITH IMAGE STACK														
1.15p9 1.15p9		image		Image: faih.png layer: beforeUI	-												
	order	foat	Defaults as 0, sets a more discrete layering if 2 or more decals takes same layer type. Otherwise order in INI file will be used.	order 2													+-
1.15p9	teamColors	bool	When true, automatically reassigns team color to respective teams	teamColors:true													
1.15p0 1.15p0	alpha isVisible # Player Conditions #	logicNumber Logiciloclean	When true, automatically reassigns team color to respective teams 6-1, sets transparency of decal (images or line) Dynamic Value, draws the decal on a specific condition	alpha: 0.5 is/visible: if self.hp > self.mas/sp/2													_
1.15p9 1.15p9	# Player Conditions # onlyWherGelectedByOurPlayer	bool	Defaults as false, displays the decal only if the owner player clicks on the unit	cnlyWherGelectedByGwtrFtayer : true	_												+-
1.15p0	cnlyWherGelectedByCnerryPlayer cnlyWherGelectedByCnerryPlayer	bool	Defaults as false, displays the decal only if the owner player clicks on the unit Defaults as false, displays the decal only if the enemy player clicks on the unit	celyWherGelectedByEnerryPlayer: true													
1.15p9	onlyWhenGelectedByAllyNotOwnPlayer	bool	clicks or the unit orbitalities are false, displays the decal only if the allied player clicks or the unit orbitalities are false, displays the decal only if any player clicks on the unit leasthe with onlyWhenGalechceQipuscraphage   orbitalities checks parent's selection when true. Useful with attachments.	onlyWherGelectedByA3yNotOwnPlayer: true	_												
	onlyWhenGelectedByAnyPlayer IncludeParentsSelection	bool	the unit Useable with onlyWhenSelectedBy[insertplayer], will also	onlyWherGelectedByAnyPlayer. true includeParentsGelection: true	-												+-
1.15p9	# "Only if" Conditions #		checks parents selection when the ciserul with attachments.														
1.15p9 1.15p9	onlyTeam onlyWhileActive	TeamRelation bool	Crosses the decal if value matches the player from the following own, notitions, ally allylications, enemy any Crosses the decal cody if the unit in fully built Crosses the decal cody if the unit in alive (if before CL layer default tras, eline default falses)	polyTeam: any polyWhileActive:true	-												+
1.15p9	onlyWhileActive onlyWhileAtive onlyWhileAtive	bool	Draws the decal only if the unit is alive (if beforeUl layer default true, else default false)	onlyWhiteAlive: false													
1.15p9	onlyWithZcomLevelOrMore	fost	true, site default false). Only show in sidebar, and building placement preview. Onswe the decal coly if the zoon level matches or exceeds it, very useful for making 20 units more optimized. Crows the decal coly on the unit itself, not on the preview from building or in sidebar interface.	polyWithZoomLevelOrMone: 0.4													+-
	onlyCnNonPreview	bool	Draws the decal only on the unit itself, not on the preview from building or in sidebar interface	celyCeNcePreview: true													
	onlyPlayersWithLinkControl onlyGnBodyFrameOf	bool	Uniden or in sidelihar interface Unians the decalif a player that selects it has control (that includes shared units in multiplayer) Only draw decal when body frame is equal to this	onlyPlayersWthLiniControl true onlyCnBodyFrameOf: 0	_												
1.15p9	# Offsets (Positioning) #	let .	Fate businessed affect solution to the cold	sOffice/Relative: 50													_
1.15p9 1.15p9	Commission  Coffmeliable  Coffmeliable	int boicNumber	Sets vertical offset relative to the unit  Dynamic value	yOffsetRelative: 50 sOffsetNasslate: 40													
1.15p9 1.15p9	yOffsetAbsolute hOffset	logicNumber Int	Dynamic value Sets the height of the whole decal	(Offined Selative: 50 administration late: 40 griffered Abouture: 40 100 finet: 10												=	#=
1.1509	drOffset pivotOffset	et et															#=
1.15p9	pivot Officet alwayeStartDizAtZero	bool	only affects relative offsets without rotating image Keeps the decal on north direction regardless of the unit's direction value, useful for custom in-unit interfaces.	pivotiffset: 45 alwaystkettilioktZero: true													$\bot$
1.15p9 1.15p9	# Image specifics / Stacks #			Multiple image file stack: imageStack - carFloor.png, carBlody.png*3, carFloof.png*2, antenna.png*10		$\vdash$		$+$ $\exists$	-1	-	-	-	-				_
1,1509	imageStack	images	Takes one or more image with occassional multipliers for stacking. Also useful for using image stack from a MagicaViced slice export	Stack from a sprite sheet - imageStack: carModel.png*14		$\vdash$			-								+
1.15p9 1.15p9	ImageScale ImageScaleX ImageScaleY	logicNumber logicNumber	Dynamic value, scales the decal Dynamic value	imageScale: 1 + (self.height + 0.1) imageScaleX: 1 imageScaleY: (self.hp/self.maxHp)+100													
1.15p9 1.15p9	imageScaleY stack_hOffset	logicNumber foat	Dynamic value Sets the height of every layer in a stack. 1 layer = 1 pixel. Can	irrageScaleY: (self.hp/self.masHp)*100 stack_hOffset:-4													-
	stack_frameOffset	et .	Useful for making 3D units, frame to offset by in imageStack.  Often a value of 1 is useful in a sorte sheet.	stack_frameOffset: 1			$\vdash$				$\vdash$						+
1.15p9	stack_drawinReverseOrder	bool	Operation shall be considered to the constraint of constrain	stack_drawlnReverseOrder: true													
1.15p9 1.15p9	stack_indexCount stack_indexCount	logicNumber logicNumber	Offset to start drawing images in the image stack Number of images in the image stack to draw.	stack_indexStart 0 stack_indexCount:10													+ =
1.15p9 1.15p9	total_frames frame_width	et et	Sets the number of frames in an image from an imageGtack that uses a spritesheet. Sets the frame width in the decal stack	total_frame::10 frame_width:20				$\Box$									
1.15p0 1.15e0	frame_height frame_height	nt boicNumber	Sets the frame height in the decal stack  Dynamic value, useful for animations	traine, Model 20 frame_Insight: 40 frame_Insight: 40												=	
1.15p9 1.15p9	addiodyFrameMultipliedBy # Shortows #	et	Add body frame number to this decal when set to 1.	addBodyFrameMultipliedBy: 2													
1.15p9	image_shadow shadowOffsetX shadowOffsetY	image	Sets shadow for the decal Sets the horizontal position of the decafs shadow Sets the vertical position of the decafs shadow	Image_shadow: AUTO shadowOffseth: 0 shadowOffseth: 0													_
	shadowOffsetY # Marker Positioning #	et	Sets the vertical position of the decal's shadow	shadowOffsetY: 0													_
1.15p9	basePosition	marker	Attaches the decal on the specified marker, use "self" if attaching it to the unit itself.	basePosition: self baseDosition: mamorulausch@niet													_
1.1500	basePositionFromLegEnd	legiarm turret	Attaches the decal on the specified marker, use "self" if staching it to the unit itself!  Attaches the decal to the specified leg or arm ending.  Attaches the decal to the specified suret	basePosition: self basePosition: memory isunchPoint basePositionFromLeg: jeg_1, basePositionFromLeg: xm_5 basePositionFromLeg: hasePositionFromLeg: xmm_5 basePositionFromLeg: socials xuncherStase	-				-							=	#=
1.15p9	# Waypoint Lines #																
1.15p9 1.15p9		marker ref color hex	custom waypoints Sets the color of the drawn line	dawiLineTo: attacking customTanget2 color: #fff00													$\pm$
1.15p9	lineWidth Section	fast	[comment_NAME]	IneWidth: 2													+-
			[COMMENCE TAXABLE]														
1.12.2	Code	Value Type	Description  Comment sections can have any keys and have no effect.	Example													$\pm$
	List of rights it rooms prices the turnel fire sound or other		bug_attack, bug_die, building_explode, cannon_fring, click, click add, click remove, fring3, fring4, our fire.														
	List of default game noises (for turnet fire sound or other sound references):		tug atlack, bug die, building explode, cannon filing, click, click, add, click, remove, filing3, filing4, gun file, inferface, error, lange_gun file1, lange_gun_file2, laser_deflect, laser_deflect2, lighting_burst, message,														
	Section		[template_NAME]														+-
	Code	Value Type	Description	Example													
1.13.3	<b>!</b>	-	Integration sections can have any any and have no effects are applied can get included from other first with Europi copyfront. Egi Europicopyfront ROOT effects in place for the angular can get included from the capyfront can describe the place for the capyfront can describe the capyfront capyfront can describe the capyfront ca		-												
	<b>,</b>		copyFrom. Eg: [core]copyFrom: ROOT: effects/explodeEffects.template (Note that copyFrom can include multiple files.)														
	<b>j</b>	g	-All these below features can be used with any section not just templates-														
1.13.3	@copyFrom_skipThiaSection		(Comma separated for multiple)  Use in any section to include keys from a section or template.  (Comma separated for multiple)	@copyFromGection:template_name/action_name/projectite_name	-												
	gcopy rom_skip i nasection @define X		not copy an action when overriding  Define a local variable within a section (best outside of	@define targetEflect boom	-												+
	@global X		haus a higher priority	@global targetEffect: pop													$\pm$
1.15	@memory X		Define a memory for this unit, its type must be defined as well. \$(X) can be used to reference variables (can also be done	@memory transportCount float													-
1.123			remains static. Has no impact on runtime performance.  \$(section key) can be used to reference another key from also.	aparen morana wild (1979) Million (1979)	-		$\vdash$	1									+
1.133			Cation a newcyr to this cut; its type must be defined as well. NY, can be used to enherce a variables (one with the ALY) can be used to enherce a variables (one with the control of a template). It is excludated when loading and remains attic. He are in regard on middle and the safety and the control of the control of the control of the template. The control of the template is the control outside of a template). The control outside the control outside of a template is the control outside of a template is the control outside overythese, the value will uptime overy	SectionStart Mission by Schalf markin , saif by	_	$\vdash$		$\vdash$								-+	+-
					-	$\vdash$	$\vdash$	$\vdash$									+-
1.15			*** text *** can be used for multiline strings. Newlines with be removed from final result.	cap#form:"" ROOTa.in!, ROOTb.in!, ROOTb.in!,													
	File	NAME template	A templete that can be used to share many parts across units, used with copyFrom. However, cannot define viriables	copyFrom:ROOT:templates\cruiser.template, copyFrom:ROOT: templates\infantry.template, copyFrom:ROOT:templates\inq. template,													
Section Any	Key	Value type		Exemple												=	
	Gilo.	alf-units.template	Plut at the root of the mod folder, applies anything in it to ALL units across all in files, can have any sections but cannot define variables.	(core) explodeTypeCnDeath: large													
	7 116	en-unital demphase	cannot define variables	explodeTypeOnDeath: large energyMax: 26													
Section	Key	Value type	Description	Comple												=	$\bot$
			This file defines some of properties of a mod for display														
	File	mod-info.txt	This file defines some of properties of a mod for display in mod browser and in Steam Workshop. It should be placed in the top of mod's file hierarchy, otherwise will result in error.														
Section	Key	Value type	Description	Example												=	$\pm$
	description	String	Sets the description of the mod package. Doesn't support line breaks.	description: This is a sample of mod that samples a unit to the game				$\vdash$									+
[mod]	tags	String	Sets varied tags depending on what is specified, can be multiple with comma as separator	Southput Mark Sample mod  Southput mod  Sout													
	minVersion	String	Declares the minimum version compatible for the mod. It is important to declare one when using decals and other modding	minVersion: 1.15p9													
	romand romalishe	edige audio de	Sets the mod's thumbrall in Steam Workshop  Sets where the custom music will be played for the mod	energene, assentitragesconernatio.prg				$\vdash$									=
[music]	sourceFolder whenUsingUnitsFromThisMod_playExclusively	bool Dool	Sets where the custom music will be played for the mod Only plays music from this mod	whenUsingUnitsFromThisMod_playExclusively: true													_
			in [projectile_#], a unit may use a built-in frame from the	If there is no image or frame supplied the game will display a white dot instead, wherein a modder can change its color using the color key. This is observable to Command Center, Heavy Tank, and Missile Tank													
	Projectile Draw Types		in [projectife, #], a unit may use a built-in frame from the real/drawable directory. However, only three strips are for eighted for this use case. Use the if all raise for the drawType king and a frame number for a desired appearance.	change its color using the color key. This is observable to Command Center, Heavy Tank, and Missile Tank													
ld	rame	usable frames															
	projectiles png	12	(a) frame numbers) 0 1 2 3 4 5 6 7 8 9 1011														$\top$
						$\vdash$		$\vdash$									+
1	projectiles_large.prg	3	0 1 2														
		-	0 1 2		-	$\vdash$	$\vdash$	$\vdash$									+
_																	
2	projection2.png	6	0 1 2 3 4 5														$\perp$