U	C) G	io /	A G	ia N	N G	in
submitJob(desci	riptio	n)					
Workflow	wf(g	wes::parse_workflo	w(description))				
				achadula tha iah			
		create Job and ass	- if the syntax is ok	, scriedule trie job -			
	-		ign jobiu				
	-	wf.setId(jobid)					
submitJobAck(j	jobid)					
			- hand the workflow	v over to the WFE-			
		submitWorkflow(wf)				
		submitActivity(act)					
		false = handle_loca					
Workflow swf -	\rightarrow		ty_to_workflow(act				
Desc	riptio	n desc = gwes::ser					
		submitJo	bb(desc)				
İ	ĺ		Workflow w	= gwes::parse_wo	rkflow(desc)		İ
			- the syntax must b	e ok on this level!-			
			-	submitWorkflow(wf			
				submitActivity(act)			
		<i>f</i> -1	hll-	•			
			= handle_local(act)	lack			
			Workflow swf = gw	es::transform_activ	ty_to_workflow(act		
			Description	n desc = gwes::ser	ialize(swf)		
				submitJ	pb(desc)		
					ŕ		
İ	i				: Workflow wf =	gwes::parse_work	low(desc
		41 4					
atomic -			•	is workflow: atomic it (schedule to loca			
atomic =	= mea	asure_complexity(w	n), directly execute	,	ĺ		
				r	esult = execute(wf)		
		when the	job is finished, we l	ave to inform the a	ggregator		
				jobFinished(v	/f.id(), output)		
į	İ	complex :	= measure_comple:	: kity(wf), pass it to th	e WFE to handle it		İ
						submitWorkflow(wf	
						submitActivity(act)	
						SibilitiActivity(act)	
				true	⊨ handle_local(act)		
				r€	sult = execute(act)		
					act	vityDispatched(act.	id())
		when the	activity is finished	we have to inform	the WFE		
					activi	yFinished(act.id(result)
]	somewhen later	the WFF will inform	us that the whole	vorkflow is done		
		Somewher later	uic Wi E Wiii iiiloiii	T do triat trie writing		rkflowFinished(wf.id	4())
				ich Einich od (wf. i			, , , , , , , , , , , , , , , , , , ,
				Jobrinished(wi.i	d(), wf.results())		
wait on an a	ackno	owledge from the u	pper level, and rese	'		n persist to disk)	
				waitlist.insert(wf.id(), wf.results())		
j	j			jobFinished	Ack(wf.id())		
				wait	list.remove(wf.id())		
		the aggrega	ator can inform the	WFE that an activity	/ is finished		
				id(), results), we go		irst-place	
						,	
		somewhen later		us that the whole			
				reflowFinished(wf.id	p())		
jobFir	nishe	d(wf.id(), wf.results)), this is the paren	t-workflow!			
		waitlist.insert(wf.id(), wf.results())				
İ	į	jobFinished	Ack(wf.id())				!
		wait	// list.remove(wf.id())				
		ctivityFinished(wf.id					
	wo	rkflowFinished(wf.id	p())				
		now we have	reached a state in	which the executio	n has ended		
		waitlist.insert(wf.id), wf.results()), kee	p only the results, for	rget everything els	е	
retrieveResults(wf.id	())					
job <u>Results(wf.id()</u> ,	, resu	ılts)					
deleteJob(wf.							
23.3.000b(WI.	~"	remove eventhing	related to the ich				
	•	remove everything	related to the Job				
deleteJobAck(v	vt.id()) 					