	-						Why did your company decide to migrate?	1	-			Perceiv	ived usefulness of metric													
												Santal efform (Sick)	singΨ nate OKG Sca	Scalability@	Collability enforman (J3566 (CONTAM 5 (The us of containe cas influenco for performance scalability) RAYACT CG seed	UP and the second secon		Process related [DEVEL ENT NDEPP NCK 62TWE TEAMS reignal from a monail	n d tu LOPAN ENDE EEN Son ton							Would you use this set and
de	How many years have you spent in your role?	Number ef employees of your 1997 : 1997 : CERPORES	Organization's domain(s) \$	ia ay System Developed of	When did your company decide to migrate to application first microservices? creates? (www.i	Now large is the application (number of microsenices)?	the many relation is bad? Assess Incompare the manufacture of the sale, to improve	600WG	MOTIVATIONS	CHARACTERISTICS (poceby-derived from (SO25000 and mini-for Nationality, deploya	<u>cs asfors me</u> cabity, alty,	TRUE () Grae Botave Monitor Press 1955 AFTER 1955 AFTER 1955 AFTER 1955 AFTER	(The scalability) ⁽²⁾ Meen enformance LSS rig a (CPU (The training NTC) in the scalability of the scalability absolutely	mance [NA/TING TMG (The GH time a beer of request operations stating models a before to before it gene est[] processed[] alusely absolutely	PEDGRAM MING compute MING compute MING compare compare compare trion to between monalith microservic scare diployed based[containe more than absolute	B GC IMMAN 6 Graduality/P HAM TO Scalability/P HAM TO Scalability/P HAM TO Scalability/P HAM TO HAM	Availability (MKAN TMK TO FALLUS Maintenanc (The mean 6 dime till the (TISTFAILUT) Social VI abcolutely	archite to a microso e orien change way in way in develop (COMPLENT t seam t) organia	ecture envic ted stille Process related the benefits prem (CONTINUO is US and) (DEL/VER)	roceus Istatal Personnel I eseffits Cost SUSSAILUT (DOVOLOPM) I ENT COST) I	Infrastructur Antarizutur (n. Cast Cast (Cast FA) witch information/metrics were considered be Cast (Cast FA) witch information/metrics of Cast (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (Cast FA) (C	ore and V ^{OII} Not measure@Draude bas@COONG	It there any measure that is not easy to called?	Kawanda Daya Wadiya mini Sanara di kawanda di kawanda d	u the solution of the solution	measures in the future, in case of migration of ather bare any gatems to asum microservic e12 if nat, ay to biesse <u>liest</u> 6
tanager & Developer	A trained 100 people	3 26	online browser games c	online games b	1646 2013	00.40 > 1000	entry jan ja se	materiales, digitament entreg, trait distribution,	modularity	tean, organization tean, in Maintainability	dependence mai	tanakilay, angkyydding, trans, undogandinos verych	s lot net eat more than s lot enough	veryih lot	ensyla lot	just enough lost out pat absolutely absolutely absolutely	ost very/a lot very/a lot	very/alot absolut	eely absolutely a	bolutely absolutely in more than ecough	ot local of becaul of the levels needlood lefter	Company, Joséphenet, Complexe, Constant, Complexe, Constant, Complexe, Constant, Complexe, Constant, Const	paramatahang, complexy complexity	martinalihy, canpledry Very / A ke jes ;canpledry Very / A ke jes	easy to one easy but we haven't get all facts comp cpa and utilization, cost > easy comp to court, (man example of the measure, on d example of the results, area completely - might > too to b	plexity yes (not sure, already usienity migrated) mplexity any kances (affreent sas, this gift be obje of
eveloper		9 p.sr.	Al, search a	Brt watern	2016	20-80, 20 components	naniyu musiyoodik sahiba sahiba daga	nokirator	nobianty	Mantarablin, Andonaon Sticino, COST pattern	n adopted pat	ern, sågged jud en	ssagt absolutely. Atti	absolutely pot	absalutely absolute tot 352	y akulukiy akukatey akukatey post post oost kostenogal	absolutely test formy test	very/a loz ilust env	alasiusely pot	abasiutely tile oot i	abukaniy enzik isa ood establischool autores technosi methodyladi	legtopment_conc.complexity, parts instruments_modulaty out of designment_reliability	instational processing to the second	complexity. More than a second ref. second	reasonable, an id proxy "com needed; "aloo ueens like Inde with the or build dight logging team you might (you' measure prob many of reag these things, anyw on a ical	dia as spinoty soel, speaden setaeen mi will sabby viganize WHZ
langer	vi years		.423	5	1907 - 2003 2017	10-15	normality and function for an annual state of the state o	modification, built tolerance, references justimerance calculation	 modifiability fault tolerance, example ability, scalability 	Sine_to pedinanality, setability, first, av pedinanac, Efficiency deploye	, natot, ance, Bags, wrage, ant bai	secure when sheak	.tely absolutely	absolutely	izte	absolutely absolutely absolutely absolutely	absolutely absolutely	mare d absolutely enough	than h alkolutely n	more than ery/a lot enough	ead time jokes to customery performance (see memory, sold, bug i hypothed by customery co veryfs lot overspace stylepiser	arc, a manyous after		Here Re Gra Elasta Unado UnadO UnadO UnadO UnadO UnadO UnadO UnadO UNADO	but in sinion x of est feratio processy to solution get people together to for a collect the current together to thou	yes ,they suid be sily be samable 5.3 noise
cientist Researcher gile Coach (independent)	ci 	8) 2000 : 8) 2000- 	translation, online, b2b t talecommunication c banking c	transitian product, Al	2014 2017 2012 2009 2017	no approximation available, at the moment monRh to 10	#It mean mappings, collabor to logs #It mean mappings, collabor to logs # [best cell local) #It cell local # [best cell local) #It cell local # local cell local #It cell local	organization Team independence, deployment, JND team organizatio Team Scinadort	namanakiliy, ushkiliy, angu judetau ang ang ang ang ang ang ang ang ang ang	Performance, Efficiency perform camples	ance, ity per	abada wryth wrance, congreeky	ske little kat	enough absolutely	izzie venyta ko lizzie just enou eenyta lot venyta ko	just enough absolutely absolutely emploited gh just enough enough veryth tot absolutely t absolutely emploited absolutely, absolutely	very/a lot very/a lot more than very/a lot enough very/a lot very/a lot	enylalot absolut more than enough verylalot penylalot absolut	tely absolutely o	ery/a lot just enough i ery/a lot just enough i more than i ery/a lot enough e	encegh encegh extraves est encegh (ust encegh encegh) encegh encount encegh encegh encount	namoubly, prioritize discussed	inaccontact for a number of operation income the second se	response fine, maxime to recover, testability, 5 per categories fine, maxime to recover, testability, 5 per categorieshy. Viery / Alter, esc.	measure syste missing currently in his projects; time, some measure critical to re- metrics texts missing comp not so easy of mi	en yes e, actime recover, tability, yes mplexity yes monolith yes stress >
6	QS 2-4, developer 15	11-200	tas, legal, hosting, b3b, b3c – t e-commerce, basktics, – e	tx consultant e-commerce, logistics	2016 2017	> 100	st jet releand gin altur, tusket demost, wet in jespera, cat performance searc, samt tandite juspera, cat s20	NEUTY SIMOWINY (NO naske demands) asso performance, maniperance, team organization, fault	agility, deployability, cod antonanco, essensionabile, trans organization, fust selence	60.00	easered.	ern/a sous s	nove than mo s lot enough eno than h little lot lot	e than ugh veryck lot	abaoluteity venyla lo more than more than	t (Eds everythan everythild serythild serythild everythild serythild serythild serythild serythild serythild service s	veryja ko absolutely	more than enough verych	iot absolutely a more than o	at enough just enough y nore than more than rough enough i	eryck to energy endrag jubicity forum), forum ingenter ant month juar mounth forms of our week, data with which a	analada, dev gar, johnstructure, elicity, derigment, cot particity, derigment, cot particity, derigment, cot particity, derigment, cot	sustants > mant complicated, encoding > complicated, sign > ency complicated, sign > encoding and particulated and encoding and budget to immediate	jauhen, souh, byl spot anou röse hers. Ver / Alteret	roor comp , secure bechnically - very > easy fairly easy. I wors fairly easy. I wors f	e ulicated ulicated ulicated yes ulicated yes ulicated yes undf uny rt process arefits are undf
nalytt,Okthitecture		20 22	a	production management	2016 2017	5) 53	2 and, headaidh is die died	een	oor, availability	Philoso Philoso	ervices, dat ti and	sangkrat, tengandality, jarjarian, dala, dang, idatricum, tang, idapendesa etty)a	s lot veryfs lot ver	ya lot absolutely	more tha	n man than etsagh erry's lat absolutify absolutify	absolutely absolutely	absolutely veryfal	lot abasiusely o	more than eny/a lot enough a	ourber of microsonics (pelmated), number equation in oricol processes we do not us a metric, we only write parts of	autháity das magement, facens ta	continues defining train dependency impact of programming	sentinung delars, tean dependency c	have arting set to easy, with rm a exception to conti- ing the process- delive p of related team acture ones Impa prop g ten testa	tinuous ivery, en pendency yes, all garannia anguage, stability, yes, i could
eveloper		41-668	public unvices a	process nanogeness, user	1090 2014	. +60	geteres ar so dd general fa a'r gener geteres ar so dd	nabisty (sz we wobity, efecung)	noblarty, recability	duplica	tions	aboutu		y'a lot absolutely	jut enough absolute	y benyisiat eenyisiat eenyisiat	just enough	erough little	enough a	bxolutely Brde i	et mough just enough increasedon	na to fundante, noncener,	iniquity, indicating, compared, exacities	Very / Altg. per, l 4	do the meric music extension of the second extension of the second from cloud foundry/tap pdynamics and api consumers that help us understand	pante, der anter ability finure
eveloper and KDL	31	6 100	automotive a	1	microarenices 2016 from the start		we use momentants for their rescalably and say 2 (places) that unper loads rescalabled	mushifu, nobalatator, divelganet escres	wukitu nodortu nodlakitu	couple arrise	e tane, ing testability, reponsibilitiet - resp	non tae, sanaketu, tatabila, sevan resonabilan	than more than mo h enough end	e than ugh absolutely	eny(a lot enough	n litte abookeniy abookeniy abookeniy	absolutely enough	very/a lot absolut	tely wry,0 lot	very(s lot	represente fines, cade pathol(carepointy, sancire responsability/translativ,	weath, maker, extrain,		A per per per de la construcción de la constru- ciones la constru- tación la constru- ciones la constru- la constru- ciones la constru- ciones la constru- ciones la constru- ciones la constru- ciones la constru- ciones la constru- la	who is using our applied boar yes boar yes whices ext. what why aim depends on is the hoar much who hoar much to committed	
farager	12	a 152	cer manufacturer a	al	juan microsenicas 2016 from the startj		reado, bar to the Solar of resources of a solar water paradox share to reade a secondor to reade a contract,	ossere nassgenet, ouskily	waars "elintaa, mabiliy	esirter	ublity mai	sandiliy jul es	sough just enough wee	yla los – weryth los	iut enough absolute	le jakuslukely sergistat veryistat veryistat	very/a lot absolutely	absolutely absolut	tely very, bits a	boolutely veryfaliot v	explaint abushany experiance that was the main stouble before experiance that was the main stouble before experiance and experiance of basis without effort per save dary. Number of basis without the basis basis of the second seco	depleptent, tat, marce, allation existences, injugent	not easy to unlet the initial securit of effect to do the experime	ethan an angelian an an an an Anna an Anna an	quenc to the not e inv migration. colle debig the kilds pomen main factor amo the number effor enanc of issues in monolithic migra eary, some theaures thought be collected monolithic migra	rany to ectile al sunt of stitudo gration yes
eveloper		6 2550	Software Development D	Document Management System	2003 2016		Interior reporce with features, reduce exacting 55 effort, reduce spectrosination between teams	modularization, effort, (inay be - maintenance), team arganization, team independence	nodularity, development_efflort, team_organization	Rbugs, R Velocity	ettat, per, bug.	nasano, aflor, illogs, leffort, per, bog, velucity	absolutely abs not exit	alutely absolutely not	nore than enough absolute	more than more than more than more than enough enough enough enough enough	more than enough very/a lot	very/alot very/a	lot very/a lot v	ery/a lot very/a lot a	more than sprint All of them useful, except #user stories p broktely enough	effurt per user story, Pbugs, e	fort to solve fault, auser closes per sprint effort data is general	effort encup es	before effor migrating in ge cpu c respo time	et data general yes i data, .ponse te and
lanager	35	6 13	a web_development 6	automatically create website (rimiliar to wondpress.com)	2015 2017	• <u> </u>	The decision and play and locates we believed that	endersten, affigeren	modularity, willingness			etty)a	mane than also a lot enough not	absolutely absolutely	more than mough absolute	y jakolutely jast enough absolutely jabolutely	absolutely absolutely	more than enough absolut	tely plasicely p	bolutniy absolutniy y	enzialati venzalati esse	naireaso efist effet pe log exitension fait along eff	op dag, reporter the and ent	ga dita, regione tina benchraek dita Very / Abd vert	not easy, not easy, we should set a system to collect there, and on our mainframe it would have been upon	may be, depending on the
eveligee	32	2 14000	Inconce a	insurance information system	1686 2016	с. С	der't loon, et loet 1 in de las Lity per jaconse madra e 1920.	hoos unline, southerance	lagas, mantanakila,			ergin	i lot veryfaliot jud	enough absolutely	ery/a iot absolute	y abadismiy abadismiy abadismiy abadismiy	absolutely absolutely	very/a lot absolut	eely absolutely a	ocolutniy absolutniy v	nghàn ing anghàn jao	Labita Bardina Austra	Sara sa aka s	Sectors fors	espensive. data year calability motofics ascens focured on performanc ascens they should not be a major consideratio	L Cold most of them, vat, bateragene out Lack of baselow. Absence of sumerical sumerical sumerical sumerical
utomer ska	(a 	200 20000	Seance b pio pharma r	banking many large knowledge management systems	2015 no decision	100-	And a second sec	yan argenzisis teoplife, dokymerifeliwey legos yeten, nantenanze	tean, agakustos, teztelőr, ásakyabilty leggar, maintaisabilty	Visicay cold, Re Modelal Searci School School	, nainenance u <u>is</u> vei bille, dependence, ille dence	dy, nandeminio con, Bugi docu abanta nat	nav patautory acc not not atriy absolutny not ver	oos oos mare than ya lot enough	int enough little more than more tha mough enough	Ittele tat enough exercision aboutately weight to tot unt enough ittle	iktiv absolutely just enough, very/a lot	absolutely absolut	tely abalutely i more than tely enough i	nore tran at enough erough i at enough just enough i	est mough little ocks time resolt cost, production defects deallarly khoultaning est or not expression project/capability to it made sens	Jenergiuert obgesanz, sociality, ontein, casolity events integration i sentory energy concurption	ezalda, vitalda, uztaldar	Very / Alst	v not easy we think it is comparabily easy to collect the secherical factors (CVU,	Any Instability neurability complexity dependes on the size of the system. for
				newarch management system						response	e time,		absolutely			nove than	more than	more than	more than		nore than more than before jesterskilling, taar aligoment, tachvola	,			memory, response time .]. istowyver, based on our experience it is a more difficult way to measure process and organisation al estated	spatient the systems the measurement of of all factors could be more costly thin actual development f. May be provide a different sets of
eveloper farager			1	panal .	2014 2017 2015 2017	7 80 7 100	a a complexity, a bugs 6 maintenance process	complexity, fault tolerance	complexity, Guit_tolecance maintainability	camples LOC, dia	nty, Bugs can ange trequency scal	alwey, story little alway, story little ality juit so	ittia juu sough ittia itti	erough just erough	nore than enaugh very/a lo just enough very/a lo	t very/a lot about you ence than more than t very/a lot very/a lot encegh encugh t very/a lot very/a lot encugh very/a lot	incre than enough very's lot just enough very's lot	very/a lot very/a very/a lot very/a	han very/a lot i more than i tot enough i	at enough just enough a	more than innore than before (response times, patient requirement), and more than more than before (response times, patient requirement), at more than more than before (complexity, thugs), after (after (scaling more) the endph (complexity, thugs).	er		Very/Alat yes Very/Alat yes	easy easy	
eveloper eveloper			e	e-coamerce	2015 2017 2013 2016	r 50 5 100	à maintenance effort higher & continuous development	stainteesance degloyment/delivery	maintaintability deployability	Maintee response infastro	ance_effort Mai	nterance_effort Bitle one-time_cost just en	adeculatery add not not nough just enough littl	ittle jutterough	ust enough very/a lo just enough very/a lo more than	t absolutely absolutely enough envy(a lot more than more than enough envy(a lot enough	just enough very/a lot very/a lot absolutely more than	uery/aliot veryja absolutely veryja	lot enough e lot enough e lot enough v more than	nough just enough j more than t eny/a lot enough e more than t	ust enough just enough kerlore (LOC, change freq), after (scaling) more than more than ecough development effort complexity (kOTH) more than		e bég	sone Absolutely yes Absolutely	oot easy yes easy	
eveloper tarager		20 100	Ranking		2016 2018 2014 2017	2 50 7 40	2 bevaps support 6 maintainability, manager decision	éreops maintenance, managerial decision	deployability maintainability, willingness	stairten Rhugs	unce_effort arts	discher son, naintenanz-effart little	just enough just little just	erough just erough more than erough erough	enough very/a lo more than more tha enough enough more tha	t enough very/a lot very/a lot eny/a lot n more than enough very/a lot just enough enough n more than more than	enough very(a lot more than enough	absolutely veryb	lot enough h	ery/a lot enough e more than ery/a lot enough e sore than	nough just enough requires time, cost erg/a lot verg/a lot infrastructure cost and development cost jboth			Very / A lot yes Absolutely yes	easy very easy	
eveloper eveloper	1	5 20 156 1	e-commerce		2013 2015 2014 2016	6 90 6 50	B train delegizion of the responsibility Memory consumption problem, downtime of the 4 optime	team organization, delegation of responsibilities HM resources optimization, downtime (no fault toleran scalability)	Seam_organization nos, resource_utilization_availability Seam_organization,	velocity downzin perform	, szalability velo ne, complexity, ance doe	oty little ntime, complexity, performance little	just enough jist	erough little	just enough enough just enough ivery/a lo	enough enough enough abasiumly more than t very(a lot very(a lot very(a lot enough	just enough very(a lot more than enough very(a lot	absolutely veryja veryja lot veryja	lot very/allot e	nough very/a lot v	enyla lot veryla lot Before (defect), after (cost) nore than hand to scale(Before), velocity (Both), release to mough veryla lot (after)	barn_independence ter procurse_utilization		Absolutely yes Very/Alst yes	not so easy easy	
eveloper tanager		13	banking t	banking	2015 2017	2 40 2 50	6 Maintanability alton; devoport	delegiton of responsibilities maintenance effort, devops	tean_organization	Modifal Complex Baaitee webcits	bity, thugs Mo ity, thugs, unce_stfort, LDC can	ifability, stuge just en plexity, stuge, maintenance, effort, velocity, LOC just en	nough enough eno	ugh just enough	more than enough little	gh enough enough very/s lot very/s lot	very/a lot very/a lot	very/alot very/alot absolut	tely absolutely	ery/a lot very/a lot	nore than nore than nore than nore than	th) deployment_time	80	Absolutely yes	easy commonly no	yes, why
eveloper	1		il consultant i	IT consulting	2015 2017	<u>م</u>	à manager decision	managerial decision	wiligen	Coupling verbicity maintee	E scalability, cites sance cost,	uing, scrability, velocity just en	naugh justenough Bitt	just enough	just enough just enou	gh very/aliot very/aliot very/aliot very/aliot	very/alot absolutely	absolutely veryla	ict very/alist s	more than in ery/a lot enough in	nore than more than Complexity, bugs, development effort, velocity mough enough (Both)			Absolutely yes	easy no	yes
eveloper					2012 2016	а С	90 opticibility, faultimess	scalability, fault tolerance	scalability, fault solerance	Bbags, mainten Befürt Mainten	unce_effort, per_bigtel unce_effort,	tenance cost, feffect, per bog	litde just	enough just enough	more than more that enough enough	n just enough enough very's lot enough	more than more than enough	very/a lot enough	than h very/alot e	nore than more than in nough enough e	nore than more than nough enough coupling, scaling, release time	salatio		Very/Aizt yes	eacy	\rightarrow
eveloper	1	h	if consultant		2010 2016	5 90 100	20 coordination problem, team delegation	team organization, delegation of responsibilities	pram_organization	Bregun Sechnök Ge	ementi, igy_independen IBu	js. just en	nough just enough just	more than enough enough	more than enough very/a lo	t very/s lot very/s lot very/s lot very/s lot	very/a lot absolutely	absolutely veryla	lot absolutely a than more than	bolutely more than enough more than	nare than enough enough ebugs, development, telfort defects (both) Before (development effort, system requireme	neam_independence		Absolutely per	very easy	yes
eveloper	31				2005 2015	100	 a wrongo suggers, SC2007Fy Celegitor of responsibility, the nogarity of the new features to be implemented required more effort in 20 the monotific actient 	tean organization, development effort	tran organization, cost	wodfa aerlam	biley, ance, velocity Ma	fability performance, whicely little	just enough just	enough more than	eery/a lot just enou nore than more than	gh veryfalot veryfalot veryfalot enough n profester veryfalot veryfalot veryfalot	very/a lot very/a lot	absolutely very's	lot very/a lot v	ery/a lot enough i	more than time of using a support of the sectors, where the enough time of using, way of using [both] more than extensibility, which of the system, plane for	of the		Very/Ald pes	0364	yes
eveloper tarager					2009 2017	25	9 maintenance effort, automation process	naintenance effort, deployment/delivery	cost, deployability, maintainability	fbag, L	.0C, complexity,	jut en p. 10°, complexite, winotte,	nough little just	erough erough	nove than more that	just enough very/a lot enough enough more than more than more than more than enough enough enough	enough very's lot more than enough very's lot	very/a lot enough	h enough y	ery/a lot enough environment enough environment enough enough enough enough enough enough enough enough enough	mough ecough any features (both) nore than more than mough ecough	cost, deployability, maintainability	inetrics related to automation	automation related metrics Absolutely yes	very easy metri not so easy	trics abed to comation
eveloper		15	saltware house c	dgital narieting, tales	2007 2017 2011	7 20	Because we had no other choice	managerial decision	willingness complexity	resola response memory	e time, Rbugs, reansumption resp sity, Roups	onse time, Blugs, memory consumption just en	nough just enough eno just enough eno	e than little e than ugh liutt errort	iust enough just enough more than more than enough enough	the second secon	very/a lot absolutely	absolutely very's	lot very/a lot v	ery/a lot enough a nove than nough last enough	nore than mough enough flugs, #UDC, complexity, time to release (both response time, flugs, memory consumption (s sut enough (sut enough desire)	wrand		Absolutely yes	easy co easy	yes
eveloper	11	30 200	sw house		2009 2015		na opend-up delivery time	deployment/delivery	deployability.	respons memory stained change t	e tine, 6. Lance effort resp frequency,	one time, memory, maintenance, effort just en	nough little just	more than enough enough	iust enough enough	n more than more than enough very/a lot very/a lot	very/a lot absolutely	absolutely absolut	tely absolutely o	more than a more than a more than a	nore than more than mough enough complexity, Houge (Before and during)	deployment, time		Absolutely yes	very easy	yes
eveloper		25	e commerce		2007 2015	s so	20 maintenance became too complex reduce overall option complexity and maintenance of advice	maintenance complexity	nairtairabilty	staintee Raintee Raintee Staintee	unitity, Lance_effort, Lance effort, sity	ge frequency, maintainability, maintenance_effort, shugs just en-	sough just enough just	enough enough incre than incre than	more than more that enough enough	n more than more than enough enough very's lot enough	very/a lot enough	very/a lot more th enough absolute/	han very/alot e	nough very/allot v	ery/a lot very/a lot effort (before and during) that ge frequency, maintainability, developme ery/a lot very/a lot efforter shows back	ent tettort,		Very/Alst pes	easy years	yes
eveloper	1	20 100	il consultant		2010 2017	100	9 speed up delivery time	deployment/delivery	deployability	Cangles deploys velocity Singues	iest time, change cy deg tance effort	byment time, whichy, change frequency.	nough just enough eno	e than ugh just enough	more than more than more than more than more than mo	e more than more than enough enough very's lot very's lot	very/a lot absolutely	absolutely veryla	lot very/a lot v	ery/a lot very/a lot e	nore than more than mough enough maintenence effort and complexity (before and	during)	63	Very/Aid yes	easy	yes
eveloper eveloper	-	15 100 8 54	ll consultant Il Consultant		2008 2016 2011 2017	40 7 20	20 because we had no other choices (manager decision) 2 induce overall system complexity	managerial decision maintenance complexity	willingtons maintainability	thug thug complex modifal	ity, thugs, bity can unce effort.	tenance effort, Huge, solubility just en pinety, Huge, modifiability just en boom it	sough just enough eno more than sough enough just than more than enough	erough just erough erough just erough e fhan	enough enough more tha just enough more investigh	enough enough very/s lot enry/s lot n very/s lot enough very/s lot enry/s lot n	very/a lot very/a lot very/a lot very/a lot	very/a lot ecough wery/a lot ecough	h <u>very/akst</u> o fran h very/aksto	ery/a kot just enough j ery/a kot very/a lot v	ust enough just enough delivery time change frequency engla lot veryfa lot Development effort, #bugs (before and during) jdaring)	colog		Very/Alst yes	easy no easy	ves
eveloper fanager	3	20 56 20 200	ter house It consultant		2013 2017 2006 2015	7 40 5 100	5 reduce maintenance effort and complexity 55 because we had no other choices - maintenance persons non-menia	maintenance effort, complexity managerial decision	Maintainability, cost, complexity willingness	Complex Hairbert Bugs	aty stat unce_effort, unce effort.	tonance effort, complexity enough contance effort, bags very/a	n enough enc a lot verygla lot just	ugh very's lot more than enough enough	eny/a lat enough more than more that enough enough	very(a lot very/a lot very/a lot very(a lot very)(a lo	very/a lot absolutely very/a lot absolutely	absolutely absolut absolutely absolut	tely absolutely a tely absolutely a	bsolutely just enough j bsolutely just enough j	ut enough just enough complexity, #defects, # bugs, changeability ust enough just enough	+ +		Absolutely yes	easy easy	yes
eveloper		25	it consultant		2012 2015	ao 40	- speed-up delivery time 5 - reduce overall system complexity 12 reduce overall system complexity	maintenance complexity, deployment/delivery, comple complexity	maintaintability, cost, deployability, soty complexity complexity	Bhugo y Complex Comment	elacity, ity, Bugs Mai	measure effant, Mougs, wincits, camplexity, Mougs (2016) more ti plexity, Mougs (2017)	little just than more than ph enough	enough just enough more than enough	more the just enough enough just enough just enough	n more than more than more than more than isst enough enough enough enough gh enough enough vervit ist unry in im	more than enough very/a lot absolutely absolutel-	wery/a lot more th enough absolutely werv**	than h yery/a kst o lot absolutely	ery/a lot	nore than more than development effort, maintenance effort (befor mough during (Hugs (during) Maintenance effort, Blugs, delivery time, com Eddetct (both)	and noity,		Very/Alot yes	easy easy	yes
langer	1	30 550	if consultant		2011 2017	2 2 2	the law's hope california and a gaint monolith that 7 and extension hard to makage	brge codebare, maintenance	large_codebase, maintainability	respon	e time, ne recj	onse time, downtime just en	now than just	erough just erough	more than more that enough enough	n more than more than enough e	very/a lot very/a lot	verg/aliot verg/a	lot wery/a lot w	ery/a lot just enough j	ut enough just enough complexity, #bugs (both)	employee morate		Very/Alst yes	easy We use some tools that help us	yes
		2 I						1						1	1		1 1	1	1 1		1 1		1		gather	
eveloper rchitect	31	6 26 250 662	IT consultant b 6-Commerce, logistics 6	b3b economerce platform 6-Commerce	2001 2015 2013 2015	: 34 : 150	magde 5 sinze eicrosen/cer, we don't teing alle ta solle organisation/y and technicely Centinous delivery lose of development	scalability, team organization Maintenance accinets(Complexity	sciolity, team, arganization maintainability	tean, je ingast sumber deliker cot	dependency, of failures, of entry, the cod	n indramstersy, impact of failures, number of dealogeness, absolut more t	stely veryjs lot end than jittle not	e fhan ugh veryb iot alusely just enough	eery,la ist enough just enough little	n yenyla lot absolutely absolutely more than enough yenyla lot	absolutely absolutely more than enough vers/a lat	absolutely little werg/a lot absolut	more than in enough in tely stassiusely it	nore than more than in nough enough e	nore than more than Page geed and user downtime. We were having mough enough big impone times and many were orages, Number of dependencies between transm, imp bile bits or souther dependencies.	uery sublidity 1 of examenability costs		Absoluting ges Absoluting	these metics, such as MinuRelic. So, not too bad.	yes