hours per tag

Legend: #meeting, #c2, #c3, #client, #c1, #doc, #e2, #e3, #i, #e1, other, #t

- other 4%
- #t 3%
- #meeting 6%
- #c2 10%
- #c3 10%
- #client 4%
- #c1 17%
- #doc 11%
- #e2 10%
- #e3 5%
- #i 5%
- #e1 15%

hours per feature

Features: Federation, Dim extension, High Availability, Message Routing, encryption, Persistence..., Autonomy, OPC-UA, cztop port

Legend: estimated, actual

Manuel Schuler	403
Patrik Wenger	413
ects planned	720
actual	816
#meeting	58.92
#c2	109.75
#c3	108.25
#client	47.33
#c1	181.08
#doc	121.5
#e2	105.08
#e3	48.75
#i	58.58
#e1	164.25
other	41.41

#t	34			
without tags	6.5			
#prof	11.58			
#projectmgmt	23.33			

Per Feature

Federation	95.08	0.24690973	94.6084024	189.688402
Dim extension	93	0.24150826	92.5387192	185.538719
Autonomy	8	0.0207749	7.96031993	15.9603199
Message Routing	52	0.13503688	51.7420796	103.74208
High Availability	75	0.19476472	74.6279994	149.627999
Persistence Synchronization	20	0.05193726	19.9007998	39.9007998
encryption	32	0.08309962	31.8412797	63.8412797
OPC-UA	10	0.02596863	9.95039992	19.9503999
cztop port	2			

#23 get familiar with Roadster [closed]issue	3	2	2	0.30%
#33 Refine Document [open]issue	80	99.75	99.75	10.10%
#30 setup proj mgmt [closed]issue	20	21.5	21.5	2.80%
#42 setup test environment - CI [closed]issue	56	61.5	61.5	7.90%
#43 Adjust requirements [closed]issue	32	34	34	4.40%
#27 understand requirements [closed]issue	25	25.33	25.33	3.20%
#64 Spec [closed]issue	10	12	12	1.50%
#41 get familiar with roadster [closed]issue	12	11	11	1.40%
#6 Integrate requirements [closed]issue, #doc	8	9	9	1.20%
#3 Integrate risks [closed]issue, #doc	8	8.92	8.92	1.10%
#18 describe testing methods [closed]issue, #doc	8	7.5	7.5	1.00%
#68 refine document [open]issue	16	18	18	0.90%
#14 plan testing infrastructure [closed]issue, #do	5	5	5	0.60%
#13 write use cases [closed]issue, #doc	3	2	2	0.30%
#75 Federation CSP [closed]issue	50	46	46	5.90%
#54 System test: DIM extension [closed]issue	8	8	8	1.00%
#47 Add model ownership [closed]issue	8	7	7	0.90%
#62 Refactor CSP [closed]issue	16	14	14	1.80%
#57 Fix CSP in WebUI [closed]issue	12	10	10	1.30%
#46 Ignore update reflections [closed]issue	8	8	8	1.00%
#93 System test: Encryption [closed]issue	12	14	14	1.80%
#89 Socket configuration [closed]issue	11	11	11	1.40%
#91 Key generation [closed]issue	4	7	7	0.90%
#90 Implement OPC-UA Feature [open]issue	8	8	8	0.80%
#8 design OPC-UA HA interface [closed]issue, #dc	4	2	2	0.30%
#11 design single & multi level HA protocols [clos	26	24	24	3.10%
#50 React on go-passive/go-active events [closed	24	24	24	3.10%
#44 Adjust HA approach [closed]issue	10	12	12	1.50%
#51 System test: High availability [closed]issue	9	7	7	0.90%
#36 implement HA prototype [closed]issue	5	4	4	0.50%

#69 Draw BStar state machine diagram [closed]is	3	4	4	0.50%
#40 port roadster to cztop [closed]issue	2	2	2	0.30%
#74 UI: Correctly close Case [open]issue	8	8	8	1.00%
#49 Message routing [closed]issue	24	20	20	2.60%
#22 Sending InvokeCommandRequest from Web	7	6	6	0.80%
#59 Fix case handling on foreign node [closed]issu	8	6	6	0.80%
#52 System test: Message routing [open]issue	6	5	5	0.60%
#60 Ping pong heart beating [closed]issue	6	5	5	0.60%
#58 Ping/pong heartbeating [closed]issue	2	2	2	0.30%
#53 System test: Autonomy [closed]issue	8	8	8	1.00%
#55 System test: Federation [closed]issue	16	13	13	1.70%
#71 Draw activity diagram for Downstream engin	5	5	5	0.60%
#35 implement federation prototype [closed]issu	56	67.83	67.83	8.70%
#12 design cluster protocol [closed]issue, #doc	12	9.25	9.25	1.20%
#56 System test: Persistence synchronization [clc	8	8	8	1.00%
#92 Persistence synchronization [closed]issue	8	5	5	0.60%
#10 design persistence synchronization protocol	4	4	4	0.50%
#9 design key distribution model [closed]issue, #(	4	3	3	0.40%
#61 Interim presentation [closed]issue	8	7	7	0.90%
#25 assess & analyze risks [closed]issue	5	6.5	6.5	0.80%
#15 plan project [closed]issue	5	6	6	0.80%
#29 init documentation [closed]issue	3	3.5	3.5	0.40%
#16 describe initial situation roadster [closed]issu	4	3.25	3.25	0.40%
#17 describe zmq [closed]issue, #doc	3	3	3	0.40%
#45 set up auto build of documentation [closed]i:	3	3	3	0.40%
#83 Prepare presentation [open]issue	0	3	3	0.40%
#2 Translate node schema labels to English [close	2.5	2.5	2.5	0.30%
#4 What's Roadster [closed]issue, #doc	2	2	2	0.30%
#24 estimate schedule [closed]issue	3	2	2	0.30%
#70 Draw uncommon topologies [closed]issue	2	2	2	0.30%
#5 explain Roadster's architecture [closed]issue	1	1	1	0.10%
#32 write Scope->Goals in retrospective [open]is:	2	0	0	0.00%
#85 create poster	2	2	2	
#86 write abstract	2	2	2	
without task reference	0	0	65.67	

				estimated	actual
89	0.2225	78.246575	Federation	167.246575	189.688402
102	0.255	89.67585	Dim extension	191.67585	185.538719
8	0.02	7.0334	High Availability	144.696475	149.627999
61	0.1525	53.629675	Message Routing	114.629675	103.74208
77	0.1925	67.696475	encryption	50.737725	63.8412797
24	0.06	21.1002	Persistence Synchronizat	45.1002	39.9007998
27	0.0675	23.737725	Autonomy	15.0334	15.9603199
12	0.03	10.5501	OPC-UA	22.5501	19.9503999
2			cztop port	2	2

	should	is
	351.67	383.17
	400	385.08