

Roost User Manual

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Introduction to Roost

Roost helps development teams to eliminate change failure.

Install Roost

Download Roost

Roost is available for Windows, Mac and Linux. You can download the installer from the Roost.ai website by going to the Products page.

System Requirements

MAC

- Min 8 GB RAM (at least 4GB should be free)
- VM Instance: Nested virtualization should be enabled
- Min Free Disk space 30 GB
- Mac OS Version 10.0 or later
- Install Git
- Download DMG and install. Allow app permissions in Apple Security
- Search for "Roost" in Applications (Finder)

Ubuntu

- Min 8 GB RAM (at least 4GB should be free)
- VM Instance: Nested virtualization should be enabled
- Min Free Disk space 30 GB
- Install libvirt, qemu-kvm and packages on your system
- Install Git
- Download TAR ball and un-compress the archive

16.04 LTS or 18.04 LTS or less than 18.10

- sudo apt update
- sudo apt install -y qemu-kvm libvirt-bin virtinst nfs-server virt-manager genisoimage net-tools libstdc++6 curl
- sudo dpkg -i Roost-amd64-1.9.5.deb

20.04 LTS or >= 18.10

- sudo apt update
- sudo apt install -y genisoimage virt-manager qemu-kvm nfs-server net-tools curl libvirt-daemonsystem libvirt-clients bridge-utils
- sudo dpkg -i Roost-amd64-1.9.5.deb

Windows

- Min 8 GB RAM (at least 4GB should be free)
- VM Instance: Nested virtualisation should be enabled
- Min Free Disk space 30 GB

Pro/Server/Enterprise (64 bit)

- Virtualisation is enabled at firmware level (BIOS)
- Hyper-V is enabled "Turn on/off windows features"
- Install Git
- Download EXE and install.
- Search for RoostDesktop and execute (grant admin permissions when asked)

Home Edition (64 bit)

- Install VirtualBox
- 64-bit Windows 10
- Install Git
- Download EXE and install.
- Search for RoostDesktop and execute (grant admin permissions when asked)

Install the Software

Мас

1. Double click on downloaded roost-\$version.dmg and drag Roost binary into Mac Application.



2. Launch Roost and provide necessary permission when prompt appear in Roost Desktop.

Windows

To install Roost for Windows:

1. Double click on the downloaded executable setup file. The first setup window appears.

★ RoostDesktop Setup	×
License Agreement Please review the license terms before installing RoostDesktop.	÷
Press Page Down to see the rest of the agreement.	
Welcome to the website (the "Site") of Zettabytes, Inc. ("Zettabytes," "we," "us," or our").	
Through its Roost Kubernetes Desktop, Zettabytes provides a software programming productivity enhancement tool and a community forum through which programmers can exchange ideas (together with the Site, the "Service"). This Privacy Policy explains what Personal Data (defined below) we collect, how we use and share that data, and your choices concerning our data practices. This Privacy Policy is incorporated into and forms part of our Terms of Service. Before using the Service or submitting any Personal Data to Zettabytes, please review this Privacy Policy carefully and contact us if you have any questions.	
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install RoostDesktop.	
ZettaBytes I Agree Cancel	

2. Read the License Agreement and click the I Agree button. The next setup window appears.

米 RoostDesktop Setup		-		\times
Choose Components Choose which features of Roo			✻	
Check the components you wa install. Click Next to continue.	ant to install and uncheck the comp	oonents you do	n't want	to
Select components to install:	 ✓ RoostDesktop (required) ✓ Start Menu Shortcuts 	Description Position you over a comp see its desc	r mouse oonent to ription,	,
Space required: 2.4 GB				
ZettaBytes				
	< Back	Next >	Ca	incel

3. Select the components you want to install. The Roost Desktop and Start Menu Shortcuts options are selected by default. Click the Next button to move to the next setup window.

	_		\times
Choose Install Location Choose the folder in which to install RoostDesktop.			☀
Setup will install RoostDesktop in the following folder. To install in a Browse and select another folder. Click Next to continue.	different fol	der, dick	
Destination Folder C:\Program Files (x86)\RoostDesktop	Brow	wse	
Space required: 2.4 GB Space available: 200.5 GB ZettaBytes			
< Back	Next >	Car	ncel

4. To accept the default Install Location, click the Next button to move to the next setup window. Generally, the default Install Location is where you want to install Roost Desktop.

★ RoostDesktop Setup	_		\times
Choose Start Menu Folder Choose a Start Menu folder for the RoostDesktop shortcuts.			☀
Select the Start Menu folder in which you would like to create the can also enter a name to create a new folder.	e program's sh	ortcuts. Y	'ou
Accessibility Accessories Administrative Tools Autodesk SketchBook Azure Data Studio Dropbox Maintenance Microsoft Office Tools Microsoft SQL Server 2019 Microsoft SQL Server Tools 18 StartUp			~
Do not create shortcuts ZettaBytes Back	Install	Ca	ncel

5. To accept the default Start Menu folder, click the Install button to begin installing Roost. The default folder is RoostDesktop.

🔆 RoostDesktop Setup		-	
Installing Please wait while RoostDesktop is being installe	ed.		☀
Extract: README.md 100%			
Show details			
ZettaBytes	< Back	Next >	Cancel
Show details	< Back	Next >	Cancel

6. When the installation is complete and the progress bar is completely green, click the Next button.

₭ RoostDesktop Setup	- 🗆 ×				
	Completing RoostDesktop Setup				
	RoostDesktop has been installed on your computer. Click Finish to close Setup.				
	☑ Start RoostDesktop ☑ Start along with user login				
	< Back Finish Cancel				

7. Click the Finish button. The loading splash screen appears.

* Multinode Cluster	– 🗆 X
Roost Kubernetes Desktop • Collaborate effectively. • Simplified/Integrated Kubernetes Development.	
Multi-node Zettabytes K8s Cluster (ZKE)	
Avoid configuration errors. Start running in under 5 minutes. Deploy & Observe micro-services on your multi-node cluster.	
Read More	DEVELOP DEPLOY OBSERVE
‰ Please go and grab coffee while Roost is starting	
*Kubernetes® is a registered trademark of The Linux Foundation in the United States and other countries, and is used p	unsuant to a license from The Linux Foundation.
€ 1 of 4	Skip

8. To see information about Roost, click the forward and back arrows at the bottom of the screen. Click Skip to go right to the Roost Desktop.

The Roost Screen

	Experience Roost	
Experience Roost		«
		ٽ ب
		·
		40
	Open a Project	• • • • • • • • • • • • • • • • • • •
	Code/Test with Pre-built Microservices	
		(e)
		• • • • • • • • • • • • • • • • • • •
+ ×	<u> </u>	PKT Konsola

On the right side of the screen is the Roost toolbar, which contains these icons:

- 1. Toggle Expands the right-side menu to show labels with the icons.
- 2. About Displays information about Roost, including the current version, privacy policy and welcome guide.
- 3. User Displays your account picture (if you've added one) and your username.
- 4. Start Cluster Starts the selected cluster.
- 5. Terminal Displays the Roost Kubernetes Terminal.
- 6. Analytics Displays Workload Analytics.
- 7. Collaborate Displays the Collaboration tab.
- 8. Registry Displays the Registry/Container (RCR) tab.
- AWS Opens the Remote Cluster tab of the Preferences, with AWS selected in the Cloud Vendor field.
- 10. GCP Opens the Remote Cluster tab of the Preferences, with GCP selected in the Cloud Vendor field.
- 11. Local Cluster Opens the ZKE Cluster tab of the Preferences.
- 12. Cloud Console --
- 13. Events Opens the Events window.
- 14. Logs --
- 15. Live Support Opens a window for Roost Live Support.

In the bottom left corner:

- Plus sign (+) -- Click to open a terminal window.
- Minus sign (-) Click to close all terminal windows.

In the bottom right corner, you'll see the current cluster with a status indicator.

Sign In

To sign in:

1. Click the User icon in the toolbar or choose Collaborate, Sign in. A screen appears to allow you to choose the method you use to sign in.



2. Click the option you want to use to sign in. The webpage for the selected option opens for you to enter your credentials. You're returned to Roost and your username appears beside the User icon in the toolbar.

Sign Out

To sign out of Roost, choose Collaborate, Sign out.

Clone an Existing Git Project

To clone an existing Git project:

1. Choose File, New, Git Clone.



- 2. Enter the URL for the Git project you want to clone.
- 3. Check the Preserve Folder Structure checkbox to keep the folders as is in the repository.
- 4. Change the directory where the clone will reside if desired.
- 5. Press Enter to confirm.

Roost Microservices

Roost contains the following microservices that you can add to your project:

- Google Book API
- CRPC Client/Server
- Image Optimization
- Open Tracing
- Service Collaboration

- Voting App
- Service Fitness Example
- Container Templates
- K8s Manifest Templates
- K8s Volumes

To open a microservice:

1. Choose File, Roost Microservices and then the microservice you want to open.

Collaborate

Collaborate feature in Roost Desktop allows individual roost members, teams to share and deploy microservice in remote cluster either running in cloud or local kubernetes clusters

My Roost Network

All Roost members are part of the Roost Network within which all members can collaborate docker images or by remote deployment.

To view your Roost network, choose Collaborate, Collaborate View. The Collaboration tab appears.

		Collaboration			1
Experience Roost	Collaboration				«
Collaboration	My Roost Network Requests	Collaboration Activities My Teams	All Teams	Refresh not triggered yet 🛛 🗘	*
Q Search by Name, Roost handle, Company				Add Rooster	آکہ
ROOSTER NAME	PERMISSIONS	ROLE	COMPANY	ACTIONS	*
Mayank Gaikwad mayank		• •	Zettabytes	×Ô	€2 :-
					() ()

Other users that are in your Roost network appear in the list. You can see each person's name, the permissions they have, their role and company.

- To revoke a user's permissions, click the X in the Actions column.
- To remove a user from your Roost network, click the Trash icon in the Actions column.

On this tab, you can also:

- Search for a user in your network: Enter a user's name, Roost handle or company in the search field. As you enter text, the list is reduced to only those users that meet your search criteria.
- Filter by Permissions: Click the down arrow in the filter field. In the drop-down menu, click the type of permission you'd like to filter by and click Apply.
- Add a Rooster to your Network: Click the Add Rooster button. In the window that appears, choose whether to look up the user by their username or email ID, then begin entering that information in the Collaborate With field. After you enter three characters, users that match your search criteria appear in a drop-down list. Find the user you want and click on that user in the list. Enter a message and click the Send button.

Select :	💿 Username 🕘 Email ID	<
Collaborate With* :		D
Message :		
	Cancel Send	

Requests

On the Requests tab, you'll see any requests to collaborate that come from other users as well as requests that you've sent.

Experience Roost	Collaboratio						~
Collaboration		Requests		My Teams	All Teams	Refresh not triggered yet 🛛 😋	*
Incoming Push Requests (1)							⊙ ≻-
Divyesh Maheshwari	Hey there, Please add n	ne to your Roost N	łetwork			Accept Reject	* ₹1
Sent Push Requests(1)							::. @
Mayank Galikwad							۲ ۲
mayank						Cancel Request	

- To accept a request, click the Accept button.
- To reject a request, click the Reject button.
- To cancel a sent request, click the Cancel Request button.

Collaboration Activities

The Collaboration Activities tab shows the items you've collaborated on with users in your network. Scroll to the right to see the actions you can take for each activity.

•••				Collaboration					
Experience Roost	Collaboratio	on							«
Collaboration			Collabo	ration Activities	My Teams	All Teams		ed yet 😌	*
Collaboration Activities									⊙ ≻_
ROOSTER NAME	FILE SHARED	Date	Collaboration ID		NAMESPACE	DEVICE NAME	STATUS	CHANG	*
Mayank Gaikwad mayank	🛃 ballot.yaml		7:34:01 am	1620732841		MacBooks-MacBook-Pro.local	Completed	UNKNC	32 ••
	ballot:latest (Id:c6b682f93f1'					MacBooks-MacBook-Pro.local	Completed		 3
									۲
									*
									۲

- Deploy: received .yaml into the cluster
- Delete: Click to delete the activity.

- Open Service Test Result
- Certify

My Teams

The My Teams tab shows the teams within Roost that you are a member of.

Note: If you do not belong to any teams, have not requested to join any teams or have not been invited to any teams, you will not have any teams listed.



Create a New Team

To create a new team:

1. Click the Create New Team button. The Create Team window appears.

Note: If you have teams listed on the My Teams tab, you'll need to click the All Teams tab and click the Create New Team button there.

			×
Name* :			
Description :			
First Mombors ·			
Filst Members .			
OPA :			
Visibility :	All Users	Team Members	
	Cluster Configuratio	n for Individual Member	
Solution	Clair Scan for Images	Allo	w Privileged Containers
🗹 🛛 Enable I	alco Runtime Security	Cluster Size :	RDE Recommended
k8s Version :	v1.19.1	Disk per node :	20G
vCpu per node :		Memory per node :	3GB
			Cancel Create

2. Enter a name for your team as well as a description if desired.

					×
Name* :	Documer	ntation			
Description :	Team for	Roost Documentation			
Einer Manschause -					
First Members :	May				
		Mayank Gaikwad mayank			
OFA.	Т	Tanmay Gaikwad tanmaysgaikwad			
Visibility :		Mayank Choudhary chaudhary.mayank26			
	J	Jose Mayorga jlmayorga			
✓ ✓ Enable Fa	Т	Tanmay Agarwal tanmayagarwal0707			
k8s Version : V	1.19.1		Disk per node :	20G	
vCpu per node : 2			Memory per node :	3GB	
				Cancel	Create

3. In the First Members field, begin typing the name of a user you want to add to your team. Users that match your entry appear in the drop-down list. To select a user to add, click on their name. Continue adding users as needed.

				×
Name* :	Documentation			
Description :	Team for Roost Docum	entation		
First Members :				
OPA :				
Visibility :	All Users	Team Members		
	Cluster Configuratio	n for Individual Member		
V	Clair Scan for Images	Allo	w Privileg	ed Containers
🗹 Enable	Falco Runtime Security	Cluster Size :	Roost Rec	commended
k8s Version :	v1.19.1	Disk per node :	20G	
vCpu per node :		Memory per node :	3GB	
			Cancel	Create

- 4. Select the other options for your team:
 - Open Policy Agent: Add OPA Policy
 - Visibility: Choose to make this team visible to all Roost users or only to team members.
 - Cluster Configuration for Individual Members:
 - Clair Scan for Images
 - Enable Falco Runtime Security
 - Kubernetes Version
 - vCPU per node:
 - Allow Privileged Containers:
 - Cluster Size:
 - Disk Per Node:
 - Memory Per Node:
- 5. Click the Create button to create the team. The new team appears on the My Teams tab.

Experience Roost	Collabo	pration							*
Collaboration	My Roost Netwo	rk Requests	Collaboration A	ctivities N	ly Teams All Tea	ms		iggered yet $ \odot $	۲
									0
									>_
My Pending Invites (0)								Show	**
									€2
My Donding Join Dogueste	0)							Show	
My Pending Join Requests (0)							SHOW	
My Joined Teams (1)								Hide	
TEAM NAME DESCRIPT	on visibility	ROLE	TOTAL MEMBERS	JOINED ON	ACTIONS				
Documentation Team for Ro	ost All Users	Read-Write Admin		06/28/2021	Admin View	Leave Team	Team Dashboard	Share Workloz	:
Documenta	llion								2

See the Admin View of a Team

The admin view of a team allows you to control a team. You will only be able to access this view if you are an admin for the team because you created it or you were made an admin by another team admin.

To see the Admin View of a Team:

1. On the My Teams tab in the My Joined Teams section, click the Admin View button for the team you want. The Team Admin View appears.

Experience Roost	Collaboration							
Collaboration				My Teams	All Teams			0 🖗
Back to My Teams Invite	Members Team C	Cluster 🗘 Update	Team Details	Admin View : Doce	umentation 🛟			>_ %
Config Values						Update Cluster	Config Hide	1.
	Visibility All Users			Clair S	Scan for Images	true		
Allow Privileged Co	ntainers false			Enable Falco Ru	untime Security	true		
Clus	ter Size Roost Recom				k8s Version	v1.19.1		
Disk p	er node 20G				vCpu per node	2		
Memory p	ernoae 3GB							
Invites Sent to Members (1)							Show	
Join Requests to Team (0)							Show	
Team Members (1)							Hide	

- 2. From this screen, you can:
- Invite Members: Click the Invite Members button. In the window that appears, choose whether to look up the user by their username or email ID, then begin entering that information in the Invite field. After you enter three characters, users that match your search criteria appear in a drop-down list. Find the user you want and click on that user in the list. Enter a message and click the Invite button.

Select :	💽 Username 🛛 Email ID	×
Invite* :		
Message :		
	Cancel	

- Select a Team Cluster:
- Update Team Details: Click the Update Team Details button to change the information you entered about the team when you first created it.
- Delete the Team: Click the Delete Team button. A prompt appears asking if you're sure you want to delete the team. Click the Yes button to finish deleting the team.
- Leave the Team: Click the Leave Team button to leave the team. A prompt appears asking if you're sure you want to leave the team. Click the Yes button to leave the team.
- Update Cluster Config:



View Invitations to the Team

After you've invited another user to your team, that person will be listed in the Invites Sent to Members section. When the user accepts the team invitation, he will be listed in the Team Members section.

Note: To cancel the invitation, click the Cancel Invite button.

Invites Sent to Members (1)				Hide	ġ
MEMBER NAME	DESCRIPTION	REQUESTED ON	ACTIONS		
Mayank Gaikwad		06/28/2021		Cancel Invite	

Accept Team Join Requests

If a user has requested that they be allowed to join your team, you'll see that request listed in the Join Requests to Team section.

Manage Team Members

In the Team Members section, you can take the following actions on each member:

- Remove Member: Click the Remove Member button to remove the user from the team.
- Change Member's Role to Read Only: Click the Change Role to Read Only button to ensure user is restricted from deploying workload.
- Grant or Remove Admin Privileges for Members: Click the Grant Admin button to make the user an admin for the team. Click the Remove Admin button to remove team admin privileges from the user.

MEMBER NAME	DESCRIPTION	ROLE	JOINED ON	ACTIONS
tracylbenne67		Read-Write, Admin	06/28/2021	Remove Member Change Role to Read-Only Remove Admin

View the Team Dashboard

The team dashboard contains information about the team's activities.

To view the team dashboard:

1. On the My Teams tab under the My Joined Teams section, click the Team Dashboard button. The Team Dashboard appears.

Experience Roost	Collaboration	1						*
Collaboration				My Teams	All Teams		ggered yet 🛛 🗘	* @
← Back to My Teams Doc	umentation		@					>_ %
1 day 1 week 1 month 📛	they to the test						Junto B	11. 37 30
Activities								*
Code Collaborate View Details			No Activitie	s Data				

Scroll down to see more information including Security Events and Collaborations.

Experience Roost	Collaboratio	n					*
Collaboration				My Teams	All Teams	Refresh not triggered yet $egin{array}{c} egin{array}{c} e$	
							>_
							ж
Security Events							÷2
Securities							i
View Details			No Coorribul	to			3
			No Security i	ents			۲
							*
							•
Collaborationa							
Collaborations							2
🧭 DockerFiles 🕖 Yaml							
🕑 Helm Files			No Collabor	ations			
View Details							
							l –

Share Workload with a Team

When workload is shared with the team, use gets option to choose either individual or All team member as receiver.

All Teams

The All Teams tab shows all of the teams in Roost and these teams can include users from all over the world.

•••			Collaboration	1				
Experience Roost	Collaboration							~
Collaboration		Requests		s My Teams	s All Teams	1	Refresh not triggered yet 🛛 🗘	*
Q Search for the teams (min. 3 chars)		Apply	Reset				Create New Team	
TEAM NAME	DESCRIPTION		VISIB	LITY TOTA	L MEMBERS	CREATED ON	ACTIONS	36
SM Service mesh test	Test for service mesh		All Us	ers 4		04/16/2021	Join Team	\$2 -
_								.
H Hello	Hello		All Us	ers 5		02/26/2021	Join Team	@
test team 4			All Us	ers 1		02/19/2021	Join Team	۵ ۰۰۰
Test Team 3			All Us	ers 1		02/19/2021	Join Team	0
TC Team Cluster Testing			All Us	ers 15			Join Team	
Page 1 of 1								

Find a Team

To find a team, type some or all of the team name in the search field then click the Apply button. Teams that match your search criteria are listed.

To clear the search field, click the Reset button.

Join a Team

To join a team, click the Join Team button. Your request to join is sent to the team admins and on your screen, you'll see the Cancel Request button as well as the status of "Requested."

Experience Roost	Collaboration							*
Collaboration				My Teams	All Teams		resh not triggered yet 🛛 🖯	
Q Search for the teams (min. 3 chars)		Apply	Rosot				Create New Team	>- %
TEAM NAME	DESCRIPTION		VISIBILITY	TOTAL MEMBERS	CREATED ON	ACTIONS		÷2
D Documentation	Team for Roost Documentation		All Users		06/28/2021		Leave Team	1.
SM Service mesh test	Test for service mesh		All Users		04/16/2021		Cancel Request	8 (2)
H Hello	Hello		All Users		02/26/2021	Join Team		
TT test team 4			All Users		02/19/2021	Join Team		
TT Test Team 3			All Users		02/19/2021	Join Team		2
TC Team Cluster Testing			All Users		02/15/2021		Cancel Request	
Page 1 of 1								

Cancel a Request to Join a Team

To cancel a request to join a team, click the Cancel Request button.

Experience Roost	Collaboratio									
Collaboration		Requests		ctivities	My Teams	All Teams		resh not triggered yet 🗧 🤇)	* ***
										*
My Pending Invites (0)								Show		÷2
										i
My Pending Join Reques	ts (2)							Hide		Ø
TEAM NAME	DESCRIPTION		VISIBIL	τοτ.	AL MEMBERS	REQUESTED ON	ACTIONS			۲
TC Team Cluster Testing			All User			06/28/2021		Cancel Request		
SM Service mesh test	Test for service mesh		All User			06/28/2021		Cancel Request		

Container Registry

Roost provide

Images

Roost User Manual

Experience Roost	Registry/Container(RCR)				*
Registry/Containers	i Ima	ges Containers		Refresh not triggered yet 🛛 😋	*
Cluster: Local_Roost					\odot
NAME:TAG		SIZE (MB)	CREATED ON	ACTIONS	>_
falcology/1	13811300/155	15.28	03/22/2021		*
	400110464100	15.20	03/22/2021		¢2
argoproj/argocli:v2.12.8	2964335d0ce1	79.63	02/08/2021	A 🐵 🖞 👉 Þ 🖞	.
					÷
argoproj/workflow-controller:v2.12.8	cd890d74f29c	52.87	02/08/2021		۲

- Collaborate: User can Directly share the image with another Roost members
- Scan: Docker image vulnerability scanning
- Push to Docker-hub registry
- Run: Docker image as container
- Delete: Click the Delete icon to delete the image.

Containers

Experience Roost Registry/Container(RCR) Registry/Containers Images Cluster: Local_Roost	
Registry/Containers Images Containers Refresh not triggered yet C Cluster: Local_Roost	×
Cluster: Local_Roost	
Cluster: Local_Roost	۲
	\odot
IMAGES NAME STATUS COMMAND Artions	>_
	0.00
	\$
arminc/clair-local-scan-vz.0.8_tebb0/59d930314b54c/d1/5alle265955tat4toc1 /clair Exted (2) 5 minutes ago /clair -contig=/contig/contig/ami D E I I	¢2
arminc/clair-db/atest /clair-db Up 8 minutes docker-entrypoint.sh postgres 🕕 🖸 🔒	.

- Run:
- Terminal:
- Logs:
- Delete: Click the Delete icon to delete the container.

Observability

Workload Analytics

System View

Experience Roost	Workload Analytics						~
		System View	Service Mesh View				
Show Namespaces ~ View by All						8 0	۲
default X						Clear	
•							>_
🐞 Nodes 🔰 Volumes							×
							÷2
0							i
Volumes							0
Storage OM							۲
Available 0							
0 Volumes Claim							
Inactive 0							

		Experience Roost			Workload	d Analytics												«
								System Vie	w Servio	e Mesh View								
Sho			View by													ጽ	⊡ €) 🔞
de	fault	×															Clear	
	* 1	Nodes 1	Ŷ	Pods 0		Conta	ainers		Volumes 0		=	Statefulsets 0	0	Service 1	۲	Deploy 0	ments	36
																		¢1
		Daemonsets	-	Replicase														i
	≡. (•															9
																		۲
	Noc	des																
	NOD	Œ			PUBLIC IP		CPU (%)					MEMORY (MI)				PODS		
													943					6
																		•
																		믹

Service Mesh View

Service Fitness

Roost User Manual

	Experience Roost	Service Fitness	«
			*
	Show Dependencies	Annlination Service Manifest Micro Service Name	
Le	ad From:		
	File	│ Images ⊙	1
	FILE	Depends On 😌	42 1
=	Cluster	Kubernetes Manifests 🕤	.
		Test Suite	8
G	enerate For:		۲
-	HELM Folder	Test Status Api	
-	Docker-Compose		
\$	Skaffold		
			-
S	ave To:	+	
	File		
=	Cluster		

My Activity

Experience Roos	st	My Roost Acitivity				«
My Activity						yet Ə 🎇
						\odot
EVENT TIME	EVENT	ARTIFACT / CHECKSUM	NAMESPACE	CLUSTER NAME	DEVICE NAME	CODEBASE >_
June 2, 2021 6:59 AM	docker pull	argoproj/work/flow-controller.v2.12.8 (id:cd890d74f29c) c1fb9d5d673ee28cd7308750458af8a7b00dada766848c24d6e378accb3c7711		ZKE	MacBooks-MacBook-Pro.local	Viev
						÷2
June 2, 2021 6:58 AM	docker pull	argoproj/argocil:v2.12.8 (ld/296433540ce1) 9372ddaa3af2e9a15dbdf5b6b8a88186502f69c908738c834e7c4292601be6fa			MacBooks-MacBook-Pro.local	Viev
May 7 20217-25 AM	dookor pull	argoproj/workflow-controller.v2.12.8 (ld:cd890d74f29c)		7/6	MacRooke-MacRook-Dro local	
May 7, 20217-25 AM	docker puil	c1fb9d5d673ee28cd7308750458af8a7b00dada766848c24d6e378accb3c7711			Macbooks-Macbook-Prolocal	©
May 7, 2021 7:25 AM	docker pull	argoproj/argocliv/212.8 (ld:2964335d0ce1)		ZKE	MacBooks-MacBook-Pro.local	Viev
		337200aa3ar2e9a1300005060686816650216923067386634e7642926010e0ia				
						G

Click the View button to see information about each activity entry. The Activity Information window appears.

Git Logs



Git Patch

Run Diagnostics



Live Support

If you need help with Roost, support is available.

To get support:

1. Choose Help, Support. The Support window appears.

Roost Platform Support	
 Roost Platform Support How can we help you? 	
We'll reply as soon as we can	
email@example.com	
Write your message	
	>

- 2. Enter your email address and then your message to the support team. Please describe your issue in as much detail as possible.
- 3. Click the Send button to send your message. The support team will respond as quickly as possible.

Update Roost Manually

You may decide not to have Roost automatically download updates, so you will need to update Roost manually.

To update Roost:

1. Choose Roost, About Roost. The About tab appears.

Experience Roost	My Roost Acitivity	③ About		
	Curr	ent Roost Version: 1958		
	Loc	cal Kubernetes Version: v1.19.2		
	 Roost is up to date! 		Check now	
		utomotionly download updates		
		acy Policy Welcome Guide		

2. Click the Check Now button to check for a Roost update. If Roost is up to date, a message appears to tell you that there are no updates available.

Preferences

To go to the Roost Preferences, choose Roost, Preferences. The Preferences window appears.

App Preferences

				App Preferen	ices			
App Preference	} ces	Appearance	ရ Υို ္ င− ● −၀ တို႕ လ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	IDE Preferences	>
2	Automa Automati Start Rc Check th Stop Ro Local clu	tically Update ically update Roost post local cluster to box if local cluster post local cluster ster will be stopped	when a new update is on app launch er auto-start is desired on quit d when roost applicati	s available d on is quit.		Roost V	'ersion 1.9.58	
							Close	

- Automatically Update: Check to automatically update when a new version of Roost is available. If you uncheck this, you'll need to update Roost manually.
- Start Roost local cluster on app launch: Check to automatically start the local cluster when you launch Roost.
- Stop Roost local cluster on quit: Check to stop the local cluster when you quit Roost.

Appearance Preferences



Click on the dark or light version of Roost to choose the screen's appearance. Your local theme colors will be used.

Local Cluster Preferences

			Local Cluster	r			
App Preferences	Appearance	ရ Υ ္န တ္ o _o တ ္ပ လ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	ID Prefer	E ences
Allow Contain Enabling this c default this to Ealco Securi	ners to run as privile an introduce security r disallow)	ged User risks (future roost ver	rsion will				
By enabling th	y is you will soon receive		ents from				
Collaboration Enable or Disa	h ble receiving collabora	tion workloads in loc	al cluster				
Auto Deploy Enable or Disa	ble auto deploy of rece	eived workloads in lo	cal cluster				
Kubernetes \ Local cluster k	/ersion ubernetes version		v1.1	9.2			
Cluster Sizin	g uster configurations		Roc	st Recommended			~
Memory Per Local cluster n	Node ode memory					3 🗘 (ЭВ
Node Disk Si Disk size per n	ze Iode		-		2	20 🗘 🤇	3
Logical CPUs	per node	rnode	-		2	2 🗘	
							Close

- Allow Containers to run as privileged User: Click the slider to enable (blue) and allow any containers to run as a privileged user.
- Enable Falco Security: Click the slider to enable (blue) Falco Security so you'll receive runtime security events from Falco.
- Collaboration: Click the slider to enable (blue) collaboration with other users.
- Auto Deploy: Click the slider to enable (blue) auto deployment of workloads.
- Kubernetes Version: Select the Kubernetes version you want to use.
- Cluster Sizing: Select the cluster configuration you want to use.
- Memory Per Node: Set the memory per local cluster node.
- Disk Size Per Node: Set the disk size per local cluster node.

Local Cluster Preferences

			Local Cl	uster			
App Preferences	Appearance	ရ Υ ၣ ၀- ● -၀ ၓ႕ ၓ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	Pref	IDE erences
Kubernetes Local cluster l	Version kubernetes version			v1.19.2	~		
Cluster Sizin	ig Juster configurations			Roost Recommende	d		~
Memory Per Local cluster	Node node memory					3 🗘	GB
Node Disk S Disk size per i	ize node			•		20 🗘	G
Logical CPU Local cluster :	s per node : logical/virtual CPUs pe			•		2 🗘	
vCPU Execu Local cluster :	tion Cap% : execution cap percent	age per CPU		ę		50 🗘	%
Image retent "Number of d	tion in local cluster ays to retain the images	s received (2 to 30 d	days)"	•		7 🗘	Days
Log Level	: list of log levels			ERROR			×
Roost Node	Dir						
Location of lo and support s	cal cluster disk. Provide parse file system.	e disk that has atlea	st 50GB free	/var/tmp/Roost/nodes			
							Close

- Logical CPUs per node: Set the logical/virtual CPUs per local cluster node.
- vCPU Execution Cap%: Set the execution cap percentage per CPU.
- Image retention in local cluster: Set the number of days to retain images in the local cluster.
- Log Level: Set the log level. The options are Info, Error and Debug.
- Roost Node Dir: The location of the local cluster directory.

Remote Cluster Preferences

			Remote Clust	er			
App Preferences	Appearance	ရ Υို္ ဝ− ● −ဝ တို္လ္လွာ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	IDE Preferences	
Remote	e Clusters				Request Roc	ist Cluster 🔶 🔶	
	cluster_1	e AWS Worker Nodes : 2	K8s-V :1.17.5 Type : t2.small			▶ ∠ ਹੈ	
						Close	ſ

- Request Remote Cluster: Click the request for a remote cluster.
- Add New Cluster: Click to add a new remote cluster.
- Refresh the List of Remote Clusters: Click to refresh the list of remote clusters.

Collaboration & Security Preferences

				Collabora	tion		
Pre	App ferences	Appearance	ရ Υို ၇ ဇ ● ⊸ ၓ ႕ လ Local Cluster	Remote Cluster	Collaboratio & Security	Third Party Integrations	IDE Preferences
	Roost Control URL of roost col Roost Control URL of roost col Load Doc Once imag	Plane API ntrol plane API Plane Server ntrol plane serve ker Image to F e is built or pulle	er Remote Roost, on buil d locally, auto-load imag	r d e to the remote F	oost.io:443 ontent.roost.io:250 Roost	2	
	Cluster Name	•	Recv Workloads	Auto I	Deploy	Root Containers	Falco
	Local					•	•
	Cluster_	1				•	
							Close

- Roost Control Plane API: The URL of the Roost Control Plane API.
- Roost Control Plane Server: The URL of the Roost Control Plane server.
- Load Docker Image to Remote Roost on Build: Check to auto-load the image to the remote Roost once the image is built.

			Third Party				-
App Preferences	Appearance	ရΥρ တြော္တ တြေျပ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	IDE Preferences	>
Service Mesh Choose the se Workflow Ord Choose an ord	n rvice mesh to be inst chestrator hestrator for kubern	talled etes	No	one 🗸			
						Close	

Third Party Integrations Preferences

- Service Mesh: Select the service mesh to be installed. The options are None, Linkerd and Istio. If you select Linkerd or Istio, you'll see a message that tells you the installation is in progress.
- Workflow Orchestrator: Select the workflow orchestrator for Kubernetes. The options are None, Argo and Airflow. If you choose Argo or Airflow, you'll see changes in the terminal window. If you choose Airflow, you'll see a message asking you to confirm that you want to enable Airflow and that the process will take 4-5 minutes. Do NOT close the terminal window during this process.

IDE Preferences

			IDE Preferen	ce			
App Preferences	Appearance	ရ Υို ၇ ဇာ ● -ဝ ဇာ ၂ လ Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	IDE Preferences	>
Disable IDE Enable or Disab Audio Beep Trigger the syst executed or the	ele IDE aspect of Ro tem's beep sound were are no results.	ost-Desktop hen certain actions canno	ot be	•			
Exclude VCS I Files and direct replace. Project	gnored Paths ories ignored by the ts using Git have the	e current project, eg find a ese defined in .gitignore fi	and le.	•			
Solidity Comp Select the solid	iler lity compiler.		sc	olc:0.8.3 🗸			
GO Path Enter your GOP	ATH		/Us	ers/macbookpro/go			
Project Root Enter your Roos			/Us	ers/macbookpro			
File Encoding Default charact	er set encoding to ι	use when reading and writ	ing files	f8		~	
Ignored Name List of glob patt be ignored.	es terns. Files and dire	ctories mathing these pat	.git	,.hg,.svn,.DS_Store,*,	Thumbs.db,desktop.i		
						Close	

- Disable IDE: Click the slider to **disable** (blue) IDE for the Roost Desktop.
- Audio Beep: Click the slider to enable (blue) the system sound when an action cannot be performed or there are no results.
- Exclude VCS Ignored Paths: Click the slider to enable (blue) having certain files and directories ignored by the current project.
- Solidity Compiler: Choose the solidity compiler you want to use.
- GO Path: Enter your GOPATH.
- Project Root: Enter the root for your Roost workspace.
- File Encoding: Choose the default character set encoding to use.
- Ignored Names: Enter a list of glob patterns; files and directories that match the patterns will be ignored.

Troubleshooting

	•			Troubleshoot			
<		م م م م م م م		1.			Ę.
	Appearance	Local Cluster	Remote Cluster	Collaboration & Security	Third Party Integrations	IDE Preferences	Troubleshooting
	Upload Tele Allow usage st	metry data to Roos tatistics and exception	t reports to be sen	it to Roost team to help) improve the product		
	Run Diagnostics Detect if there is n	issue on Roost Deskto	op, Roost Engine, I	Docker Engine or Kube	rnetes Engine	•	Run
	Reset to provided	d cluster configurati	on			_	
	All data will be rem		t with updated co				Reset
							Close

- Upload Telemetry Data to Roost: Check to allow statistics and exception reports to be sent to the Roost team.
- Run Diagnostics: Click the Run button to detect any issues with Roost.
- Reset to Provided Cluster Configuration: Click the Reset button to reset Roost. Note that all data will be removed.



roost.ai | 4950 Hamilton Avenue | San Jose, CA 95130 $\ensuremath{\mathbb{C}}$ 2021 Zettabytes Inc. dba Roost

Roost.ai uses machine learning for automated and continuous change validation by providing an on-demand production-ready environment where developers test with live services.

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