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Published On : 06/04/2022

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To what extent are they controlled by the OS or language run-time?
What is their scope?
What determines the size of each of them?
What makes one faster?

The stack is the memory set aside as scratch space for a thread of execution. When a function is called, a block is reserved on the top of the stack for local variables and some bookkeeping data. When that function returns, the block becomes unused and can be used the next time a function is called. The stack is always reserved in a LIFO (last in first out) order; the most recently reserved block is always the next block to be freed. This makes it really simple to keep track of the stack; freeing a block from the stack is nothing more than adjusting one pointer.

The heap is memory set aside for dynamic allocation. Unlike the stack, there's no enforced pattern to the allocation and deallocation of blocks from the heap; you can allocate a block at any time and free it at any time. This makes it much more complex to keep track of which parts of the heap are allocated or free at any given time; there are many custom heap allocators available to tune heap performance for different usage patterns.

Each thread gets a stack, while there's typically only one heap for the application (although it isn't uncommon to have multiple heaps for different types of allocation).

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CONTACT US

1/D-1,SIPCOT IT PARK Siruseri,Chennai-603103

Tamil Nadu,India

Phone : +91 44 6740 4000


E-mail : info-india@aspresys.com

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Web API

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These services can be accessed by different kind of users like:

Web Browsers
Mobile applications
Desktop applications
IOTs (Internet of Things)

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Web API

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Cloud Computing

Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale. You typically pay only for cloud services you use, helping lower your operating costs, run your infrastructure more efficiently and scale as your business needs change.

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CONTACT US

1/D-1,SIPCOT IT PARK Siruseri,Chennai-603103

Tamil Nadu,India

📞

Phone : +91 44 6740 4000

✉️

E-mail : info-india@aspresys.com



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Overview of Dashboard

Employees

Spam Reports

User Verification

4250

Total Number of Users

45

Total Number of Reviewers

2500

Total Number of Articles

100

Solved Query

35

UnSolved Query



Name (job title) ▲	EmployeeID	Email	Reviewe	User Action
Mani Maran Project Manager	ACE5678	Manimaran.venkat@aspresys.co	<input type="checkbox"/>	Disable
Raj Kumar\ Support Enginee	ACE7988	Raj.kumar@aspresys.com	<input checked="" type="checkbox"/>	Disable
Girish\Software Engineer	ACE5678	Girish.ravi@aspresys.com	<input type="checkbox"/>	Disable
Gowtham Technical Lead	ACE1118	Gowtham.krish@aspresys.com	<input type="checkbox"/>	Disable





Name (job title)	Employee ID	Email	Reviewer	User Action
Mani Maran Founder & CEO	ACE56	.co	<input type="checkbox"/>	Disable
Raj Kumar\ Support Enginee	ACE79		<input checked="" type="checkbox"/>	Disable
Girish\Software Engineer	ACE5		<input type="checkbox"/>	Disable
Gowtham Technical Lead	ACE1118	Gowtham.krish@aspresys.com	<input type="checkbox"/>	Disable



Name (job title) ▲	EmployeeID	Email	Rev	Ascending Descending Reviewer Only
Mani Maran Founder & CEO	ACE5678	Manimaran.venkat@aspresys.com	<input type="checkbox"/>	
Raj Kumar\ Support Engineer	ACE7988	Raj.kumar@aspresys.com	<input checked="" type="checkbox"/>	Disable
Girish\Software Engineer	ACE5678	Girish.ravi@aspresys.com	<input type="checkbox"/>	Disable
Gowtham Technical Lead	ACE1118	Gowtham.krish@aspresys.com	<input type="checkbox"/>	Disable



Name (job title)	EmployeeID	Email	Reviewer	User Action
Mani Maran Founder & CEO	ACE1117	Mani.Maran@aspresys.com	<input type="checkbox"/>	Disable
Raj Kumar\ Support Engineer	ACE1118	Raj.Kumar@aspresys.com	<input checked="" type="checkbox"/>	Disable
Girish\Software Engineer	ACE1119	Girish.Singh@aspresys.com	<input type="checkbox"/>	Disable
Gowtham Technical Lead	ACE1118	Gowtham.krish@aspresys.com	<input type="checkbox"/>	Disable



Query Number	Title	ReportedUser Ace Number	ViewQuery
12	Spam Content	ACE5245	
25	Abusive Content	ACE5696	
22	UnrelatedContent.	ACE8596	



1

2

3





Query Number	Title	ReportedUser Ace Number	Ascending Descending Rejected Spams
12	Spam Content	ACE5245	
25	Abusive Content	ACE5696	
22	UnrelatedContent.	ACE8596	



Dashboard

[Home](#) > [Spam Reports](#) > Individual Query

Employees

Spam Reports

User Verification

Query Title

```
public class WelcomeBuddy(){
```

```
    public string HyDude;  
    public string WhatsUp;
```

```
}
```

Reject

Approve



Dashboard

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Employees

Spam Reports

User Verification

Query Title

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}

Reason For Rejection

Enter text

Cancel

Send

Reject

Approve



Query Number	Title	ReportedUser Ace Number	ViewQuery	Delete
72	Spam Content	ACE5245		
20	Abusive Content	ACE5696		
32	UnrelatedContent.	ACE8596		



Dashboard

Home > Spam Reports > Rejected Spam

search



Query Number	Title	ReportedUser Ace Number	ViewQuery	Delete
72	Spam			
20	Abusiv			
32	Unelat			



1

2

3





Users Waiting For Approval



Name	DateOfBirth	EmployeeID	Role	Email	 Ascending Descending	
Ponvizhi	18/08/1987	ACE4234	CEO	Ponvizhi@aspresys.com	Reject	Accept
Girish kumar	22/05/1980	ACE2154	SE	Girish@aspresys.com	Reject	Accept
Gowtham	11/06/1979	ACE4234	SSE	Gowtham@aspresys.com	Reject	Accept
Irfan	7/02/1982	ACE3554	Trainee	Irfan@aspresys.com	Reject	Accept
Mani maran	27/06/1974	ACE1124	ML	Mani@aspresys.com	Reject	Accept
Pooja	2/07/1990	ACE2126	TL	Pooja@aspresys.com	Reject	Accept



Users Waiting For Approval

search



Name	DateOfBirth	EmployeeID	Role	Email	Action
Ponvizhi	18/08/1987	ACE4234	CEO	Ponvizhi@aspresys.com	<div>RejectAccept</div>
Girish kumar	22/05/1980			@aspresys.com	<div>RejectAccept</div>
Gowtham	11/06/1979			am@aspresys.com	<div>RejectAccept</div>
Irfan	7/02/1982			aspresys.com	<div>RejectAccept</div>
Mani maran	27/06/1974	ACE1124	ML	Mani@aspresys.com	<div>RejectAccept</div>
Pooja	2/07/1990	ACE2126	TL	Pooja@aspresys.com	<div>RejectAccept</div>



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To Review

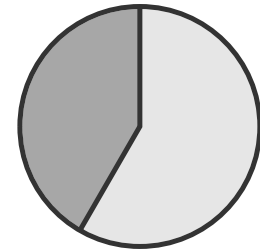
Article Reviewed

560

 Article To Review

45

 Article Reviewed



2500

Total Number of Articles



Article.Number	Author Name	Article Name	Status	To be reviewed
1	Jin	Rising Sun	Click Here to Review	Under reviewed
2	Sathosh	Happiness	Click Here to Review	—
3	Kiran	Master of the Universe	Under Review	Rajkumar
4	Vizhi	The art of the Steal	Click Here to Review	—
5	Hemanth	Music is an art	Click Here to Review	—
6	Kavin	Highway Story	Under Review	Mani



Article Number	Author Name	Article Name	D
1	Kayal	Nature	Ascending
2	Sathosh	Joy of child	Descending
3	Karthick	Say thank you	09/09/2021
4	Jaganath	Evolution of anxiety	05/08/2020
5	John	Downside of work balance	01/12/2020
6	Kaviya	The science of sleep	03/02/2019
			12/11/2020



1

2

3





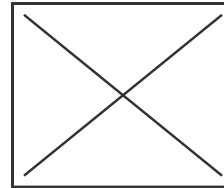
Dashboard

[Home](#) > [To Review](#) > Art of Joy

To Review

Article Reviewed

Art of Joy



You can make your life happier. It is a matter of choice. You might say it is impossible, since you have so many problems. You just cannot be happy. You are wrong. You can be happy even in difficult times and when On a beautiful sunny morning, while walking to work, you meet someone, who asked you for a small loan, months ago, but haven't paid back yet. He smiles at you, says a nice "good morning", and keeps walking. If you ask people, what is happiness and what does it means to them, you will probably receive many different answers to your question. Some would say that happiness means being wealthy. The source of happiness is within us. Happiness starts from within us. External events might cause it to manifest, but the real source of happiness comes from within you

Reject

Publish

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Art of Joy



Confirmation

Do you want to proceed?

[No](#)[Yes](#)

You can make your life happy. It is impossible, since you have so many problems. You can be happy even in difficult times and when On a beautiful day, you meet someone, who asked you for a small loan, months later, you, says a nice "good morning", and keeps walking. If you ask people, what is happiness and what does it means to them, you will probably receive many different answers to your question. Some would say that happiness means being wealthy. The source of happiness is within us. Happiness starts from within us. External events might cause it to manifest, but the real source of happiness comes from within you

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To Review

Article Reviewed

Reason for Rejection

It's incomplete
The article contains observations but is not a full study.
It discusses findings in relation to some of the work in the field but ignores other important work

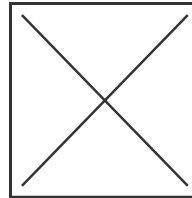
Send

[Dashboard](#)[Home](#) > [Article Reviewed](#) > say thank you

To Review

Article Reviewed

Say Thank You



Programming language books explain that value types are created on the stack, and reference types are created on the heap, without explaining what these two things are. I haven't read a clear explanation of this. I understand what a stack is. But,

Where and what are they (physically in a real computer's memory)?
To what extent are they controlled by the OS or language run-time?
What is their scope?
What determines the size of each of them?
What makes one faster?