

Bilgisayar Mühendisliđi Bölüm Başkanları Toplantısı

2012 - İzmir



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Microsoft Türkiye

Akademik Programlar, Windows Phone ve
Azure Yazılım Geliştirme Teknolojileri Yöneticisi



#mustafakasap



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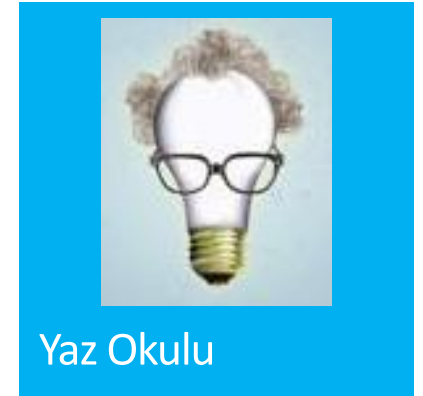
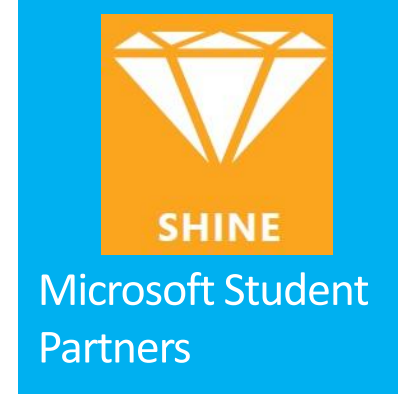


<http://blogs.msdn.com/mustafakasap>

- Programlar

- Etkinlikler

Öğrenci Programları



Açık Akademi

<http://www.acikakademi.com>

- Temel Programlama eğitimi
 - Derleyici
 - Program
 - Temel veri yapıları
 - Döngü, Koşul yapıları
- Temel Veritabanı eğitimi
- Windows 8, Windows Phone, Azure bulut bilişim, Web programlama

Microsoft

Fakülte Programları

- Faculty Connection (<http://aka.ms/fc>)
 - Cloud Computing
 - Information Management (DB)
 - Net Centric Computing
 - Programming
 - Software Engineering
 - Embedded Systems and Devices
 - Security
 - Operating Systems
 - Microsoft Dynamics
 - Phone Development

Fakülte Programları

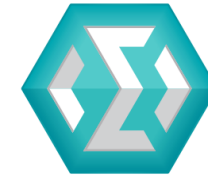
- Azure Hesapları (<http://aka.ms/mk>)
 - 5 – 9 – 12 aylık hesaplar
- Dreamspark Premium (<http://aka.ms/mk>)
 - ELMS
- Akademik Haber Bülteni
- <http://www.microsoft.com/language>

Doğru adresler, tüm bilgiler blog yazılarımızda yer alıyor.

Kinect Research

- A Unified Framework for Concurrent Usage of Hand Gesture, Shape and Pose, Cem Keskin, Eray Berger, Lale Akarun
- Randomized Decision Forests for Static and Dynamic Hand Shape Classification, Cem Keskin, Furkan Kırac, Yunus Emre Kara and Lale Akarun
- www.sigmard.com

Kinect Research



SIGMANIL

The most powerful
natural user interface
framework.

With elaborate features such as:

- * Finger-level precision!
- * Hand Skeleton Tracking, Hand Shape & Hand Gesture Recognition
- * Customization Tools for Training the System to Suit Specific Needs
- * Visual Programming Support



<http://www.youtube.com/watch?v=SH0Vfc-WiMg>

Microsoft

Windows Phone Real-time Renderer



Microsoft

Hadoop on Azure

- Open-Source software framework for data-intensive distributed applications



<https://www.hadooponazure.com>

- Facebook
 - 2010 21PB
 - 2011 30PB
 - 2012-1 100PB
 - 2012-2 Her Gün yarım PetaByte

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Üç adımda BigData



Windows Azure | Windows Azure HDInsight becomen kara | [Sign Out](#)

← New Cluster

Request a new cluster

DNS name

DNS name **Available**

<http://havooz.cloudapp.net>

Cluster size

3 nodes
1.5 TB disk space
Available

Try out a small Free Preview cluster for 5 days. You get 3 medium size VMs as your data nodes and a total of 1.5TB storage space. Replication factor of the cluster is set to 3.

Cluster login

Username Password



Job Name and JAR File

Job Name: JAR File: [Replace file](#)

Delete existing JAR

Parameters

Parameter 0: Plain text

Parameter 1: Plain text

Parameter 2: Plain text

Parameter 3: Plain text

[Add parameter](#)

Final Command

```
Hadoop jar hadoop-examples-1.1.0-SNAPSHOT.jar teragen "-Dmapred.map.tasks=50" 100000000 /example/data/10GB-sort-input
```

```
create table wap_ascii (deneme String, deneme2 String)
```

```
create table wap_ascii (deneme String, deneme2 String)
```

Logging initialized using configuration in file:C:/apps/dist/hive-0.9.0/conf/hive-log4j.properties
 Hive history file=c:\apps\dist\hive-0.9.0\logs\hive_job_log_RD00155D426440_\$_201211201355_1372797240.txt
 OK
 Time taken: 3.476 seconds

[Evaluate](#)

← Configure Ports

By default all of the ports on your cluster are closed. For more complex configurations, you may need to open ports. Remember that opening ports can present a security risk.

Name	Port #	Status	Toggle
ODBC Server	10000	Open	<input type="checkbox"/>

HadoopOnAzure bir Cloud service tir

Yapabilecekleriniz:

Analytics

Media Transcoding

ETL (Extract, Transform, Load)

Data-Mining

...

Heryerden erişim

Windows Azure HDInsight

← Job Info

Status: Running
Type: mapreduce
Start time (UTC): 11/20/2012 1:50:10 PM

Command

```
c:\apps\dist\hadoop-1.1.0-SNAPSHOT\bin\hadoop.cmd jar c:\apps\Jobs\templates\634890161988278705.hadoop-examples-1.1.0-SNAPSHOT.jar teragen "-Dmapred.map.tasks=50" 10000000 /example/data/10GB-sort-input
```

Output (stdout)

Debug Output (stderr)

```
12/11/20 13:50:13 INFO mapred.JobClient: Running job: job_201211201329_0001  
12/11/20 13:50:14 INFO mapred.JobClient: map 0% reduce 0%  
12/11/20 13:50:46 INFO mapred.JobClient: map 2% reduce 0%  
12/11/20 13:50:52 INFO mapred.JobClient: map 3% reduce 0%  
12/11/20 13:50:53 INFO mapred.JobClient: map 5% reduce 0%  
12/11/20 13:50:56 INFO mapred.JobClient: map 7% reduce 0%
```

Microsoft Research – Koç Üniversitesi

- Open Source software verification tools
 - <http://kuda.codeplex.com>
 - <http://qed.codeplex.com>

Serdar Tasiran, Shaz Qadeer, "Runtime Verification of Concurrency-Specific Correctness Criteria", International Journal on Software Tools for Technology Transfer (STTT), 14(3), 2012

Erkan Keremoglu, Kivanc Muslu, Serdar Tasiran, "Location Pairs: A Test Coverage Metric for Shared-Memory Concurrent Programs", Empirical Software Engineering, 17(3), 2012 (Most downloaded article of the issue)

<http://msrc.ku.edu.tr>

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MSR Intern – PhD – PostDoc

- 2012 de Türkiye'den 2 PostDoc – Intern
<http://research.microsoft.com>

AppCampus

AppCampus is a mobile application accelerator program managed by Aalto University in Espoo, Finland. This is a US\$24 million joint investment between Microsoft and Nokia over the next 3 years to foster mobile application development on the Windows Phone and any other Nokia platform.

<http://www.appcampus.fi>

Olası ortak projeler

- Windows 8 – Windows Phone 8
 - Türkçe karakter algılama
 - Türkçe Ses Algılama – Sentez



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