R1. What is the difference between a host and an end system? List several different types of end systems. Is a Web server an end system?

R2. The word protocol is often used to describe diplomatic relations. How does Wikipedia describe diplomatic protocol?

R3. Why are standards important for protocols?

R1

1. Different references

"Terminal" generally refers to the personal computer operated by the user on the network. It is a term generated from the original computer network. Strictly speaking, it does not include relay equipment such as LAN switches and routers. In a system where many people use a mainframe computer in the middle, the device of the mainframe computer used by each user is called a terminal. At present, personal computers are usually called terminals.

"Host computer" refers to the mainframe computer used by the terminal, which comes from the original meaning of the English word "host", namely "service provider". However, in the Internet world, whether large or small, all the computers that make up the network are called hosts. At present, all computers with IP addresses are generally referred to as hosts.

2. Different classification

Host: divided into computer host, Internet host and mini computer host.

Terminal: at present, common client devices are divided into two categories: one is fat client and the other is thin client. Then, the more powerful devices based on open industrial standard architecture represented by PC are called "fat client", and others are classified as "thin client". The space and scale of thin client industry are also large, which is no less than the current scale of PC.

In the top - down, the host is equivalent to the end system, and the two are unified in concept

Computers, smart phones and game consoles connected to the Internet all belong to end systems

The web server also belongs to the end system

R2

The term "agreement" has two meanings. In the legal sense, it is defined as an international agreement to supplement or modify a treaty. In the diplomatic sense, the term refers to a set of rules, procedures, conventions and rituals related to relations between states. Generally speaking, etiquette represents a recognized and generally accepted international etiquette system.

R3

The standard protocol can take effect, and the end system can communicate based on the standard established by the protocol

P6

Obtain the HTTP/1.1 specification (RFC 2616). Answer the following questions:

a. Explain the mechanism used for signaling between the client and server to indicate that a persistent connection is being closed. Can the client, the server, or both signal the close of a connection?

b. What encryption services are provided by HTTP?

c. Can a client open three or more simultaneous connections with a given server?

d. Either a server or a client may close a transport connection between them if either one detects the connection has been idle for some time. Is it possible that one side starts closing a connection while the other side is transmitting data via this connection?

Explain.

a. Unless the connect header of the request contains a "close" tag, the HTTP / 1.1 server can always assume that the HTTP / 1.1 client wants to maintain a persistent connection. If the server wants to close the connection immediately after sending the response, it should send a header field containing "close".

This may include the HTTP connection header field and whether you want the server to keep the connection header field open / 1. If the client does not want to maintain the connection for more requests, it should send a header field with a value of "close".

If the client with the "close" request is the last one sent by the server.

Therefore, either the client or the server can signal that the connection is closed.

b. The HTTP protocol itself is not encrypted and uses TCP port 80.

HTTPS protocol uses SSL encryption algorithm and TCP 443 port.

The communication content of HTTP is encrypted through the combination with SSL (secure socket layer) or TLS (Transport Layer Security)

HTTPS adopts mixed encryption (public key + shared encryption). When the key can be exchanged reliably, shared encryption is used.

Encryption and decryption use a key, which is passed to the pair. The key is in danger of leakage, but the speed is faster than the public key.

c. No, two at most.

d. One end is closed and the other end cannot transmit data through the connection.

Therefore, the client software is required to reopen the transport layer connection and retransmit the abandoned request sequence without user interaction.

P12

Write a simple TCP program for a server that accepts lines of input from a client and prints the lines onto the server’s standard output. (You can do this by modifying the TCPServer.py program in the text.) Compile and execute your program. On any other machine that contains a Web browser, set the proxy server in the browser to the host that is running your server program; also configure the port number appropriately. Your browser should now send its GET request messages to your server, and your server should display the messages on its standard output. Use this platform to determine whether your browser generates conditional GET messages for objects that are locally cached.

from socket import \*

serverPort = 12000

serverSocket = socket(AF\_INET, SOCK\_STREAM)

serverSocket.bind(("", serverPort))

serverSocket.listen(1)

print("The server is ready to receive")

while 1:

connectSocket, addr = serverSocket.accept()

sentence = connectSocket.recv(1024)

print(sentence.decode())

connectSocket.close()

|  |
| --- |
|  |
|  |  | Use browser to send HTTP GET requests, the following output was generated: |
|  |  |  |
|  |  | ``` |
|  |  | GET / HTTP/1.1 |
|  |  | Host: 198.18.12.7:8081 |
|  |  | User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:97.0) Gecko/20100101 Firefox/97.0 |
|  |  | Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,\*/\*;q=0.8 |
|  |  | Accept-Language: en-GB,en;q=0.5 |
|  |  | Accept-Encoding: gzip, deflate |
|  |  | DNT: 1 |
|  |  | Connection: keep-alive |
|  |  | Upgrade-Insecure-Requests: 1 |
|  |  |  |
|  |  |  |
|  |  | client closed connection |
|  |  | ``` |
|  |  |  |
|  |  | The CMake project is attached, under the same directory. |
|  |  |  |
|  |  | **# Telnet experiments** |
|  |  |  |
|  |  | **## `telnet mail.hust.edu.cn 25`** |
|  |  |  |
|  |  | ``` |
|  |  | [root@arch-dev tmp]# telnet mail.hust.edu.cn 25 |
|  |  | Trying 2001:250:4000:2000::162... |
|  |  | Connected to mail.hust.edu.cn. |
|  |  | Escape character is '^]'. |
|  |  | 220 mx1.hust.edu.cn ESMTP Smtpd; Wed, 2 Mar 2022 01:27:27 +0800 |
|  |  | HELO |
|  |  | 250 mx1.hust.edu.cn Hello [172.16.0.254], pleased to meet you |
|  |  | HELO |
|  |  | 250 mx1.hust.edu.cn Hello [172.16.0.254], pleased to meet you |
|  |  | HELO |
|  |  | 250 mx1.hust.edu.cn Hello [172.16.0.254], pleased to meet you |
|  |  | HELO |
|  |  | 421 4.7.0 Too many HELO commands; closing connection |
|  |  | Connection closed by foreign host. |
|  |  | [root@arch-dev tmp]# |
|  |  | ``` |
|  |  |  |
|  |  | **## `telnet cs.hust.edu.cn 80`** |
|  |  |  |
|  |  | ``` |
|  |  | [root@arch-dev tmp]# telnet cs.hust.edu.cn 80 |
|  |  | Trying 2001:250:4000:400d:210:42:108:5... |
|  |  | Connected to cs.hust.edu.cn. |
|  |  | Escape character is '^]'. |
|  |  | GET /index.htm HTTP/1.1 |
|  |  | Host: cs.hust.edu.cn |
|  |  |  |
|  |  | HTTP/1.1 200 OK |
|  |  | Date: Tue, 01 Mar 2022 17:28:23 GMT |
|  |  | Server: \*\*\*\*\*\* |
|  |  | X-Frame-Options: SAMEORIGIN |
|  |  | Last-Modified: Mon, 28 Feb 2022 02:06:26 GMT |
|  |  | Accept-Ranges: bytes |
|  |  | Content-Length: 26652 |
|  |  | Cache-Control: max-age=600 |
|  |  | Expires: Tue, 01 Mar 2022 17:38:23 GMT |
|  |  | Vary: Accept-Encoding |
|  |  | ETag: "681c-5d90a7efc6ebb-gzip" |
|  |  | Content-Type: text/html |
|  |  | Content-Language: zh-CN |
|  |  |  |
|  |  | ﻿<!DOCTYPE html> |
|  |  | <html> |
|  |  | <head> |
|  |  | <meta charset="utf-8" /> |
|  |  | <title>华中科技大学计算机科学与技术学院</title><META Name="keywords" Content="华中科技大学计算机科学与技术学院,计算机科学与技术学院,计算机科学,技术学院,网站首页" /> |
|  |  |  |
|  |  | <meta http-equiv="X-UA-Compatible" content="IE=edge" /> |
|  |  | <link rel="stylesheet" href="dfiles/14976/css/3c4452acc2838770a314d37bfae6598e\_head.css"> |
|  |  | <link rel="stylesheet" href="dfiles/14976/css/index.css"> |
|  |  | <script src="dfiles/14976/js/bdtxk9.js"></script> |
|  |  | <script src="dfiles/14976/js/carousel\_figure.js"></script> |
|  |  |  |
|  |  | <!--[if lt IE 8]> |
|  |  | <style type="text/css"> |
|  |  | .panel .panel-body .content LI {width:48%;} |
|  |  | </style> |
|  |  | <![endif]--> |
|  |  | <!--Announced by Visual SiteBuilder 9--> |
|  |  | <link rel="stylesheet" type="text/css" href="\_sitegray/\_sitegray\_d.css" /> |
|  |  | <script language="javascript" src="\_sitegray/\_sitegray.js"></script> |
|  |  | <!-- CustomerNO:7765626265723230747f4757535b574200000001475c --> |
|  |  | <link rel="stylesheet" type="text/css" href="index.vsb.css" /> |
|  |  | <script type="text/javascript" src="/system/resource/js/counter.js"></script> |
|  |  | <script type="text/javascript">\_jsq\_(1001,'/index.jsp',-1,1600267002)</script> |
|  |  | </head> |
|  |  |  |
|  |  | <body> |
|  |  | <!-- header --> |
|  |  | <div class="header"> |
|  |  | <div class="main"> |
|  |  | <div class="logo"> |
|  |  | <!-- 网站logo图片地址请在本组件"内容配置-网站logo"处填写 --> |
|  |  | <a href="index.htm" title="计算机学院"><img src="images/logo.png" /></a></div> |
|  |  | <ul class="contact"><script language="javascript" src="/system/resource/js/dynclicks.js"></script><script language="javascript" src="/system/resource/js/openlink.js"></script><li><a class="icon\_rss" target="\_blank" href="#" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 40997)">RSS订阅</a></li> |
|  |  |  |
|  |  | <li><a class="flag\_en" target="\_blank" href="http://english.cs.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 40996)">英文版</a></li> |
|  |  |  |
|  |  | <li><a class="flag\_ch" target="\_blank" href="index.htm" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 40995)">中文版</a></li> |
|  |  |  |
|  |  | </ul> |
|  |  |  |
|  |  | <div class="search"><script type="text/javascript"> |
|  |  | function \_nl\_ys\_check(){ |
|  |  |  |
|  |  | var keyword = document.getElementById('showkeycode276982').value; |
|  |  | if(keyword==null||keyword==""){ |
|  |  | alert("请输入你要检索的内容！"); |
|  |  | return false; |
|  |  | } |
|  |  | if(window.toFF==1) |
|  |  | { |
|  |  | document.getElementById("lucenenewssearchkey276982").value = Simplized(keyword ); |
|  |  | }else |
|  |  | { |
|  |  | document.getElementById("lucenenewssearchkey276982").value = keyword; |
|  |  | } |
|  |  | var base64 = new Base64(); |
|  |  | document.getElementById("lucenenewssearchkey276982").value = base64.encode(document.getElementById("lucenenewssearchkey276982").value); |
|  |  | new VsbFormFunc().disableAutoEnable(document.getElementById("showkeycode276982")); |
|  |  | return true; |
|  |  | } |
|  |  | </script> |
|  |  | <form action="ssjg.jsp?wbtreeid=1001" method="post" id="au2a" name="au2a" onsubmit="return \_nl\_ys\_check()" style="display: inline"> |
|  |  | <input type="hidden" id="lucenenewssearchkey276982" name="lucenenewssearchkey" value=""><input type="hidden" id="\_lucenesearchtype276982" name="\_lucenesearchtype" value="1"><input type="hidden" id="searchScope276982" name="searchScope" value="0"> |
|  |  | <input name="showkeycode" id="showkeycode276982" class="search-box" value="请输入关键词"> |
|  |  | <input type="submit" class="search-button" value="搜"> |
|  |  |  |
|  |  | </form><script language="javascript" src="/system/resource/js/base64.js"></script><script language="javascript" src="/system/resource/js/formfunc.js"></script> |
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|  |  | <li> |
|  |  | <a href="xygk/xyjj.htm">学院概况</a> |
|  |  | <ul class="sun\_Nav"> |
|  |  |  |
|  |  | <li><a href="xygk/xyjj.htm">学院简介</a></li> |
|  |  |  |
|  |  | <li><a href="xygk/jgsz.htm">机构设置</a></li> |
|  |  |  |
|  |  | <li><a href="xygk/xkzy.htm">学科专业</a></li> |
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|  |  | <li><a href="xygk/xxgk.htm">信息公开</a></li> |
|  |  |  |
|  |  | <li><a href="xygk/fwzn.htm">服务指南</a></li> |
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|  |  | <li><a href="xygk/lxwm.htm">联系我们</a></li> |
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|  |  | <a href="szdw/szjs.htm">师资队伍</a> |
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|  |  | <li><a href="szdw/szjs.htm">师资建设</a></li> |
|  |  |  |
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|  |  | <a href="xsyj/kyxm.htm">学术研究</a> |
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|  |  | <li><a href="rszz/wsgz.htm">外事工作</a></li> |
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|  |  | <li><a href="rszz/zpxx.htm">招聘信息</a></li> |
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|  |  | <a href="xsgz/zxtz.htm">学生工作</a> |
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|  |  | <li><a href="xsgz/jyxx.htm">就业信息</a></li> |
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|  |  | <li><a href="xsgz/jlzz.htm">奖励资助</a></li> |
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|  |  | <li><a href="xsgz/kjcx.htm">科技创新</a></li> |
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|  |  | <li><a href="xsgz/xsst.htm">学生社团</a></li> |
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|  |  | <li><a href="#">评价系统</a></li> |
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|  |  | <li><a href="xsgz/xzfc.htm">学子风采</a></li> |
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|  |  |  |
|  |  | <li><a href="bkjy/pyfa.htm">培养方案</a></li> |
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|  |  | <li><a href="bkjy/xqkb.htm">学期课表</a></li> |
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|  |  | <li><a href="bkjy/ksap.htm">考试安排</a></li> |
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|  |  | <li><a href="bkjy/syzx.htm">实验中心</a></li> |
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|  |  | <li><a href="bkjy/qykc.htm">企业课程</a></li> |
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|  |  | <li><a href="bkjy/xxkc.htm">选修课程</a></li> |
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|  |  | <li><a href="http://bysj.hust.edu.cn/">毕设系统</a></li> |
|  |  |  |
|  |  | <li><a href="http://hub.hust.edu.cn/">注册信息</a></li> |
|  |  |  |
|  |  | <li><a href="http://jwc.hust.edu.cn/show/article/listMoreArticle?type=fwzq\_xl\_0">校历</a></li> |
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|  |  | <a href="yjsjy/zsgz.htm">研究生教育</a> |
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|  |  | <li><a href="yjsjy/xkjs.htm">学科建设</a></li> |
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|  |  | <li><a href="szdw/szll.htm">导师风采</a></li> |
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|  |  | <li><a href="jxjy/zyjs.htm">专业介绍</a></li> |
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|  |  | <li><a href="jxjy/zsxx.htm">招生信息</a></li> |
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|  |  | <li><a href="jxjy/kcjx.htm">课程进修</a></li> |
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|  |  | <li><a href="jxjy/xwsq.htm">学位申请</a></li> |
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|  |  | <li><a href="jxjy/xsxw.htm">学士学位</a></li> |
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|  |  | <a href="xyzj.htm">校友之家</a> |
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|  |  | <a href="zlxz/bks.htm">资料下载</a> |
|  |  | <ul class="sun\_Nav"> |
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|  |  | <li><a href="zlxz/bks.htm">本科生</a></li> |
|  |  |  |
|  |  | <li><a href="zlxz/qrzyjs.htm">全日制研究生</a></li> |
|  |  |  |
|  |  | <li><a href="zlxz/fqrzyjs.htm">非全日制研究生</a></li> |
|  |  |  |
|  |  | <li><a href="list.jsp?urltype=tree.TreeTempUrl&wbtreeid=1093">教职工</a></li> |
|  |  | </ul> |
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|  |  | <li> |
|  |  | <a href="dljians/dsj.htm">大楼建设</a> |
|  |  | <ul class="sun\_Nav"> |
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|  |  | <li><a href="dljians/dsj.htm">大事记</a></li> |
|  |  |  |
|  |  | <li><a href="dljians/jzrx.htm">捐赠热线</a></li> |
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|  |  | <a href="llxx.htm">理论学习</a> |
|  |  | </li> |
|  |  | </ul> |
|  |  | </div> |
|  |  | <!-- header end --> |
|  |  | <!-- Banner --> |
|  |  | <div class="banner"> |
|  |  | <div class="main"><script language="javascript" src="/system/resource/js/centerCutImg.js"></script><script language="javascript" src="/system/resource/js/ajax.js"></script><div class="slide"> |
|  |  | <ul class="runs" id="runs"> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/3273.htm" target="\_blank" title="求贤若渴 招贤纳士"><img src="/\_\_local/7/E0/FF/A058E34CE8604AF9FA2430CE070\_488DD334\_E1E2.jpg"></a> |
|  |  | <p title="求贤若渴 招贤纳士">求贤若渴 招贤纳士</p> |
|  |  | </li> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/2521.htm" target="\_blank" title="计算机学院“TIME教授沙龙”走进武汉达梦数据库"><img src="/\_\_local/8/72/9D/6BAD05E083D009153922C0C0672\_1B483383\_D220.jpg"></a> |
|  |  | <p title="计算机学院“TIME教授沙龙”走进武汉达梦数据库">计算机学院“TIME教授沙龙”走进武汉达梦数据库</p> |
|  |  | </li> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/2371.htm" target="\_blank" title="我院本科生获第三届“神威杯”国产CPU 并行应用挑战赛金奖"><img src="/\_\_local/B/4C/DF/454B8785954CD4686CA6ADF82C2\_6886C8CA\_ADBA.png"></a> |
|  |  | <p title="我院本科生获第三届“神威杯”国产CPU 并行应用挑战赛金奖">我院本科生获第三届“神威杯”国产CPU 并行应用挑战赛金奖</p> |
|  |  | </li> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/2255.htm" target="\_blank" title="学院“TIME教授沙龙”进企业推动产学研合作"><img src="/\_\_local/6/49/BB/EC99EB1411066C02320D517DDC1\_90F7290C\_B1D9.jpg"></a> |
|  |  | <p title="学院“TIME教授沙龙”进企业推动产学研合作">学院“TIME教授沙龙”进企业推动产学研合作</p> |
|  |  | </li> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/2254.htm" target="\_blank" title="校友胡一公获计算机系统领域顶级会议ASPLOS 2019最佳论文奖"><img src="/\_\_local/D/C2/3F/A464B7F196016051733AACA6110\_BBDEC5A7\_1EAFC.jpg"></a> |
|  |  | <p title="校友胡一公获计算机系统领域顶级会议ASPLOS 2019最佳论文奖">校友胡一公获计算机系统领域顶级会议ASPLOS 2019最佳论文奖</p> |
|  |  | </li> |
|  |  |  |
|  |  | <li class="cover"> |
|  |  | <a href="info/1094/2222.htm" target="\_blank" title="计算机学院“TIME教授沙龙”走进华为武研所"><img src="/\_\_local/3/4C/01/A424CD0B042959B32200C31ECD8\_C6904C80\_232C5.jpg"></a> |
|  |  | <p title="计算机学院“TIME教授沙龙”走进华为武研所">计算机学院“TIME教授沙龙”走进华为武研所</p> |
|  |  | </li> |
|  |  |  |
|  |  | </ul> |
|  |  | <ul class="indicator" id="indicator"> |
|  |  | <li class="current"></li> |
|  |  | <li></li> |
|  |  | <li></li> |
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|  |  | </ul> |
|  |  | </div><script>\_showDynClickBatch(['dynclicks\_u4\_3273','dynclicks\_u4\_2521','dynclicks\_u4\_2371','dynclicks\_u4\_2255','dynclicks\_u4\_2254','dynclicks\_u4\_2222'],[3273,2521,2371,2255,2254,2222],"wbnews", 1600267002)</script> |
|  |  | </div> |
|  |  | <div class="main"> |
|  |  | <div class="news"><h2 class="title"><a href="xyxw.htm">学院新闻</a></h2> |
|  |  |  |
|  |  | <ul class="content"> |
|  |  |  |
|  |  | <li> |
|  |  | <div class="item"> |
|  |  | <h3 class="title"><a href="info/1094/3273.htm" title="求贤若渴 招贤纳士">求贤若渴 招贤纳士</a></h3> |
|  |  | <div class="content"> |
|  |  | <p style="text-indent:2em">一、学院简介华中科技大学计算机科学与技术学院成立于1997年，其前身是原华中理工大学（即华中工学院）的计算机科学与工程系（成立于1973年）。经过近五十年的建设和发展，已成为我国计算机科学与技术领域人才培养…</p> |
|  |  | </div> |
|  |  | </div> |
|  |  | </li> |
|  |  |  |
|  |  | <li> |
|  |  | <div class="item"> |
|  |  | <h3 class="title"><a href="info/1094/3544.htm" title="【长江日报】“工科生的浪漫”，华科大EDA团队用算法向全国送新年祝福">【长江日报】“工科生的浪漫”，华科大EDA团队用算法向全国送…</a></h3> |
|  |  | <div class="content"> |
|  |  | <p style="text-indent:2em">团队利用算法技术，一笔画成由三万多个点组成的“新年快乐”字样。长江日报大武汉客户端1月3日讯（记者陈晓彤 通讯员赵娜）12月31日晚，在中央广播电视总台迎新年特别节目《启航2022》中，华中科技大学计算机学院…</p> |
|  |  | </div> |
|  |  | </div> |
|  |  | </li> |
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|  |  | </ul> |
|  |  |  |
|  |  | <div class="clear"></div><script>\_showDynClickBatch(['dynclicks\_u5\_3273','dynclicks\_u5\_3544'],[3273,3544],"wbnews", 1600267002)</script> |
|  |  | </div> |
|  |  | </div> |
|  |  | </div> |
|  |  | <!-- Banner end --> |
|  |  | <!-- container --> |
|  |  | <div id="ct\_01" class="container"> |
|  |  | <div class="main"> |
|  |  | <div class="panel"><div class="panel-head"> |
|  |  | <h2 class="panel-title"><a href="zxtz.htm">最新通知</a></h2> |
|  |  | </div> |
|  |  | <div class="panel-body"> |
|  |  | <ul class="content"> |
|  |  |  |
|  |  | <li><p><a href="zxtz/bk.htm" class="mark" target="\_blank">【本科】&nbsp;</a><a href="info/1101/3573.htm" title="关于计算机学院2021年度 教材建设立项项目名单公示">关于计算机学院2021年度 教材建设立项项目名单公示</a><span class="data">2022-02-17</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/yjs.htm" class="mark" target="\_blank">【研究生】&nbsp;</a><a href="info/1102/3563.htm" title="计算机学院2022年具有硕博连读资格的候选人名单公示">计算机学院2022年具有硕博连读资格的候选人名单公示</a><span class="data">2022-01-10</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/bk.htm" class="mark" target="\_blank">【本科】&nbsp;</a><a href="info/1101/3515.htm" title="计算机学院2021级本科生转专业录取名单公示">计算机学院2021级本科生转专业录取名单公示</a><span class="data">2021-12-18</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/bk.htm" class="mark" target="\_blank">【本科】&nbsp;</a><a href="info/1101/3476.htm" title="计算机科学与技术学院2021年转专业面试名单">计算机科学与技术学院2021年转专业面试名单</a><span class="data">2021-12-13</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/bk.htm" class="mark" target="\_blank">【本科】&nbsp;</a><a href="info/1101/3453.htm" title="计算机学院2021级本科生转专业免笔试资格审查情况公示">计算机学院2021级本科生转专业免笔试资格审查情况公示</a><span class="data">2021-12-06</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/yjs.htm" class="mark" target="\_blank">【研究生】&nbsp;</a><a href="info/1102/3446.htm" title="计算机学院关于开展2022年研究生硕博连读工作的通知">计算机学院关于开展2022年研究生硕博连读工作的通知</a><span class="data">2021-12-06</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/bk.htm" class="mark" target="\_blank">【本科】&nbsp;</a><a href="info/1101/3434.htm" title="计算机学院2021级本科生转专业复试细则">计算机学院2021级本科生转专业复试细则</a><span class="data">2021-12-01</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="zxtz/yjs.htm" class="mark" target="\_blank">【研究生】&nbsp;</a><a href="info/1102/3313.htm" title="华中科技大学计算机科学与技术学院2022年研究生预推免考核通过名单">华中科技大学计算机科学与技术学院2022年研究生预推免考核通过…</a><span class="data">2021-09-26</span></p></li> |
|  |  |  |
|  |  | </ul> |
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|  |  | </div> |
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|  |  | <div id="ct\_02" class="container"> |
|  |  | <div class="main"> |
|  |  | <div class="panel"><div class="panel-head"> |
|  |  | <h2 class="panel-title"><a href="xsjl.htm">学术交流</a></h2> |
|  |  | </div> |
|  |  | <div class="panel-body"> |
|  |  | <ul class="content"> |
|  |  |  |
|  |  | <li><p><a href="info/1106/3516.htm" title="2021华中科技大学计算机学院青年学者论坛暨“TIME·青椒”沙龙第三期">2021华中科技大学计算机学院青年学者论坛暨“TIME·青椒”沙龙…</a><span class="data">【2021-12-21】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/3463.htm" title="计算机学院“TIME·前沿”论坛第三期通知">计算机学院“TIME·前沿”论坛第三期通知</a><span class="data">【2021-12-10】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/3415.htm" title="香港中文大学（深圳）校长讲席教授黄铠学术讲座通知">香港中文大学（深圳）校长讲席教授黄铠学术讲座通知</a><span class="data">【2021-11-23】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/3364.htm" title="2021年华中科技大学计算机学院首届青委会研讨会暨“TIME·青椒沙龙”第二期">2021年华中科技大学计算机学院首届青委会研讨会暨“TIME·青椒…</a><span class="data">【2021-11-08】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/3334.htm" title="计算机学院“TIME·前沿”论坛第二期通知">计算机学院“TIME·前沿”论坛第二期通知</a><span class="data">【2021-10-09】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/2964.htm" title="计算机学院“TIME·前沿”论坛第一期通知">计算机学院“TIME·前沿”论坛第一期通知</a><span class="data">【2021-01-04】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/2421.htm" title="澳大利亚迪肯大学Yong Xiang教授学术报告通知">澳大利亚迪肯大学Yong Xiang教授学术报告通知</a><span class="data">【2019-09-17】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/2176.htm" title="墨尔本大学张瑞教授学术报告">墨尔本大学张瑞教授学术报告</a><span class="data">【2019-01-16】</span></p></li> |
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|  |  | <li><p><a href="info/1106/2041.htm" title="严锡锋教授学术讲座通知">严锡锋教授学术讲座通知</a><span class="data">【2018-07-16】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/1759.htm" title="计算机学院讲座通知">计算机学院讲座通知</a><span class="data">【2018-03-12】</span></p></li> |
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|  |  | <li><p><a href="info/1106/1301.htm" title="计算机学院集体学习通知">计算机学院集体学习通知</a><span class="data">【2017-09-25】</span></p></li> |
|  |  |  |
|  |  | <li><p><a href="info/1106/1300.htm" title="法国亚眠大学李初民教授应邀作学术报告">法国亚眠大学李初民教授应邀作学术报告</a><span class="data">【2017-08-24】</span></p></li> |
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|  |  | <!-- friendly-link --> |
|  |  | <div class="friendly-link"> |
|  |  | <div class="main"> |
|  |  | <div class="title"><h3>友情链接</h3></div> |
|  |  | <div class="content"> |
|  |  | <ul class="item itl"><li><a href="720pyasuobanjisuanjixueyuanzhibozhaosheng2.mp4" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 61891)" target="\_blank">2020年招生直播视频</a></li> |
|  |  |  |
|  |  | <li><a href="zsxc.htm" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 59904)" target="\_blank">招生宣传视频</a></li> |
|  |  |  |
|  |  | <li><a href="http://www.lib.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 40998)" target="\_blank">校图书馆</a></li> |
|  |  |  |
|  |  | <li><a href="http://jwc.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 40999)" target="\_blank">教务处</a></li> |
|  |  |  |
|  |  | <li><a href="http://gs.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41000)" target="\_blank">研究生院</a></li> |
|  |  |  |
|  |  | <li><a href="http://e.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41001)" target="\_blank">内部网</a></li> |
|  |  |  |
|  |  | <li><a href="http://student.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41002)" target="\_blank">学工在线</a></li> |
|  |  |  |
|  |  | <li><a href="http://bbs.whnet.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41003)" target="\_blank">白云黄鹤BBS</a></li> |
|  |  |  |
|  |  | <li><a href="http://www.hustonline.net/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41004)" target="\_blank">华中大在线</a></li> |
|  |  |  |
|  |  | <li><a href="https://dl.ccf.org.cn/index.html?\_ack=1" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 70651)" target="\_blank">CCF数字图书馆</a></li> |
|  |  |  |
|  |  | </ul> |
|  |  | <ul class="item itr"><li style="width:40%; padding:0;"><a href="http://122.205.13.213/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41007)" target="\_blank">多媒体与嵌入式计算系统实验室</a></li> |
|  |  |  |
|  |  | <li style="width:60%; padding:0;"><a href="http://stlab.wnlo.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41008)" target="\_blank">外存储系统国家专业实验室&amp;信息存储系统教育部重点实验室</a></li> |
|  |  |  |
|  |  | <li style="width:40%; padding:0;"><a href="http://idc.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41012)" target="\_blank">智能与分布计算实验室</a></li> |
|  |  |  |
|  |  | <li style="width:60%; padding:0;"><a href="http://stlab.wnlo.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41009)" target="\_blank">数据存储系统与技术教育部工程中心</a></li> |
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|  |  | <li style="width:40%; padding:0;"><a href="http://blog.sina.com.cn/hustsecurity" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41010)" target="\_blank">信息安全实验室</a></li> |
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|  |  | <li style="width:60%; padding:0;"><a href="http://grid.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 59902)" target="\_blank">服务计算技术与系统教育部重点实验室</a></li> |
|  |  |  |
|  |  | <li style="width:40%; padding:0;"><a href="http://clubroom.sinaapp.com/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 41006)" target="\_blank">计算机学院科技创新中心</a></li> |
|  |  |  |
|  |  | <li style="width:60%; padding:0;"><a href="http://grid.hust.edu.cn/" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 59903)" target="\_blank">集群与网格计算湖北省重点实验室</a></li> |
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|  |  | <li style="width:40%; padding:0;"><a href="http://ade.cs.hust.edu.cn" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 44985)" target="\_blank">现代数据工程与实时计算实验室</a></li> |
|  |  |  |
|  |  | <li style="width:60%; padding:0;"><a href="http://iec.cs.hust.edu.cn" title="iec.cs.hust.edu.cn" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 59905)" target="\_blank">智能与嵌入式计算实验室</a></li> |
|  |  |  |
|  |  | <li style="width:40%; padding:0;"><a href="http://ibm.cs.hust.edu.cn" title="ibm.cs.hust.edu.cn" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 48318)" target="\_blank">智能大数据与多媒体实验室</a></li> |
|  |  |  |
|  |  | <li style="width:%; padding:0;"><a href="http://dmdb.cs.hust.edu.cn" title="" onclick="\_addDynClicks(&#34;wburl&#34;, 1600267002, 64459)" target="\_blank">现代数据库实验室</a></li> |
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|  |  | </ul> |
|  |  | <div class="clear"></div> |
|  |  | <div class="dibudiv1"><img src="images/Hust-cs.jpg" /><a href="" onclick="\_addDynClicks(&#34;wbimage&#34;, 1600267002, 40738)" title="学院微信平台">学院微信平台</a></div> |
|  |  |  |
|  |  | <div class="dibudiv2"><img src="images/gw.png" /><a href="" onclick="\_addDynClicks(&#34;wbimage&#34;, 1600267002, 40739)" title="学院官网">学院官网</a></div> |
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|  |  | </div> |
|  |  |  |
|  |  | </div> |
|  |  | </div><!-- footer --> |
|  |  | <div class="footer"> |
|  |  | <div class="main"><!-- 版权内容请在本组件"内容配置-版权"处填写 --> |
|  |  | <p>地址：<a href="http://j.map.baidu.com/Qbrqt" class="address">中国·湖北省·武汉市·珞喻路1037号华中科技大学南一楼西435室</a>邮编：<strong>430074</strong>联系电话：<strong>027-87543684</strong>总访问量：<strong>4888886</strong><br />Copyright © 2016 HUST SCHOOL of COMPUTER of SCIENCE and TECHNOLOGY , Powered By &nbsp;, All Rights Reservered Hust Cs<a href="http://mail.qq.com/cgi-bin/qm\_share?t=qm\_mailme&email=597T19TR3t-S06eWlsmEiIo"><img src="dfiles/14976/images/ico\_mailme.png" /></a></p></div> |
|  |  | </div> |
|  |  | <!-- footer end --> |
|  |  | </body> |
|  |  | </html> |
|  |  | Connection closed by foreign host. |
|  |  | [root@arch-dev tmp]# |