

CSCSE 315

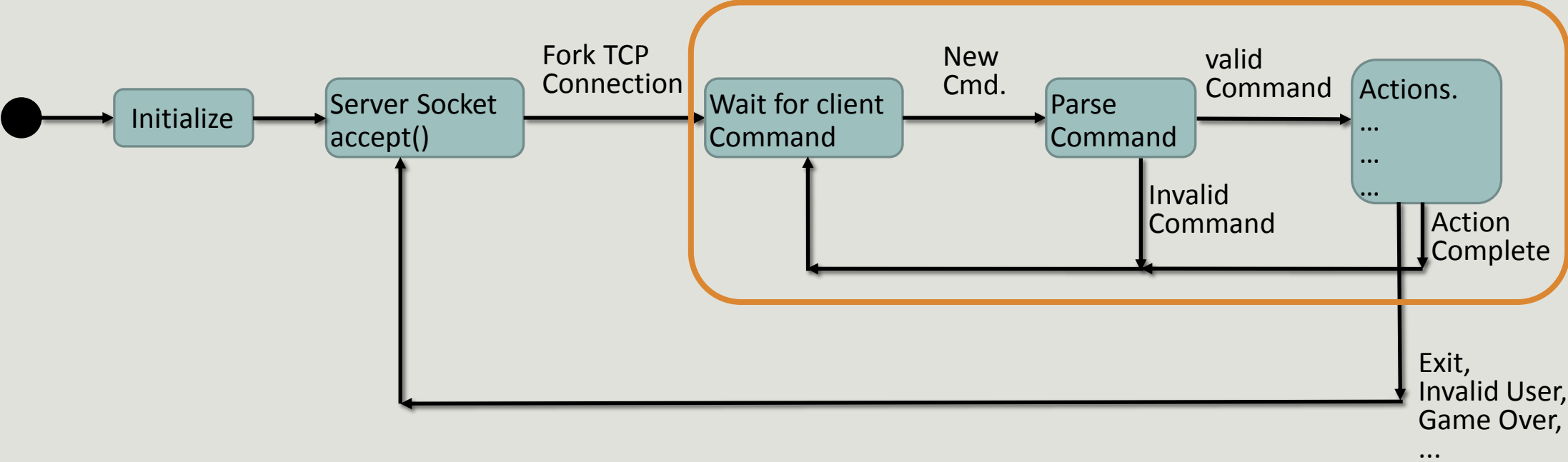
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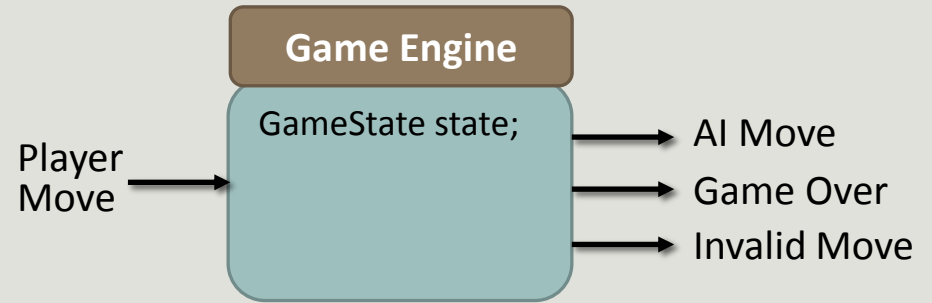
Project 2: Breakthrough Online

- Design Document
- Game mechanic and server
- AI Engine
- Client User Interface

High Level State Diagram



High Level



Using Telnet to connect to a Web Server

sun.cse.tamu.edu - PuTTY

```
[jaychen]@sun ~> (23:34:51 04/05/15)
```

```
:: telnet textfiles.com 80
```

Telnet to the webs server

```
Trying 208.86.224.90...
```

```
Connected to textfiles.com.
```

```
Escape character is '^]'.  
HEAD /100/914bbs.txt HTTP/1.1
```

After connected, type these commands:

Head FilePath HTTP/1.1

Host: server host name

Followed by **two** newline (Enter Enter)

```
Host: www.textfiles.com
```

```
HTTP/1.1 200 OK
```

```
Date: Mon, 06 Apr 2015 04:34:24 GMT
```

```
Server: Apache/2.4.10 (FreeBSD)
```

```
Last-Modified: Sun, 01 Aug 1999 17:20:58 GMT
```

```
ETag: "f80-35109f048f280"
```

```
Accept-Ranges: bytes
```

```
Content-Length: 3968
```

```
Content-Type: text/plain
```

HTTP Head Response:

You will need to parse this response.

Specifically, Accept-Ranges and

Content-Length.

```
Connection to textfiles.com closed by foreign host.
```

```
[jaychen]@sun ~> (23:35:04 04/05/15)
```

```
:: █
```

Http Server terminate the connection after finishing sending each response.

Using Telnet to connect to a Web Server

sun.cse.tamu.edu - PuTTY

```
[jaychen]@sun ~> (23:38:19 04/05/15)
```

```
:: telnet textfiles.com 80
```

```
Trying 208.86.224.90...
```

```
Connected to textfiles.com.
```

```
Escape character is '^['.
```

```
GET /100/914bbs.txt HTTP/1.1
```

```
Host: www.textfiles.com
```

```
HTTP/1.1 200 OK
```

```
Date: Mon, 06 Apr 2015 04:38:16 GMT
```

```
Server: Apache/2.4.10 (FreeBSD)
```

```
Last-Modified: Sun, 01 Aug 1999 17:20:58 GMT
```

```
ETag: "f80-35109f048f280"
```

```
Accept-Ranges: bytes
```

```
Content-Length: 3968
```

```
Content-Type: text/plain
```

Telnet to the webs server

After connected, type these commands:
Get FilePath HTTP/1.1
Host: server host name
Followed by **two** newline (Enter Enter)

HTTP Get Response:
You will need to parse this response.
Specifically, Accept-Ranges and
Content-Length.

```
67 7

THIS FILE WAS ORIGINALLY POSTED ON OSUNY (914)428-7216,
UNLESS OTHERWISE NOTED. SUFFICIENT CREDIT SHOULD BE GIVEN*****
*****
***           Extended 914 Area Code List           ***
***           Updated January 15th 1984             ***
*****

/ Number / Name           /Type /Baud rate /Type of BBS
-----
221-0774 /CCIS Hopewell      / IBM / 300/1200 /General BBS
221-2248 /Hopewell JCT        / IBM / 300/1200 /General BBS
225-2471 /EL Trading Place/Atari / 300/1200 /General BBS
234-6530 /Temple of Doom      /Apple / 300 /General BBS
238-3160 /The Cemetary       /Apple / 300 /D & D Board
246-7605 /IBBS Saveria      / IBM / 300/1200 /General BBS
```

Actual content of the file