| HOLC | It in your hand and<br>play with it   |
|------|---------------------------------------|
|      | THE DESIGN OF GAMES FOR MOBILE PHONES |
|      | IEE EVENING LECTURE                   |
|      | 28 <sup>th</sup> November 2002        |
|      | DR RICHARD A. BARTLE                  |
|      | ESSEX UNIVERSITY VISITING FELLOW      |

















| B | REW   |  |
|---|---|--|
| • | BASED ON C/C++                                      |  |
| • | PROPRIETARY STANDARD (QUALCOMM'S)                   |  |
|   | - GOOD API, WITH MORE GUARANTEES                    |  |
| • | EXCELLENT BUSINESS MODEL                            |  |
|   | - 80% GOES TO DEVELOPER!                            |  |
|   | - WITH J2ME, TYPICALLY 80% DOESN'T?                 |  |
| • | MAJOR TESTING REQUIREMENTS                          |  |
|   | - \$700 FOR 2 <sup>ND</sup> AND SUBSEQUENT ATTEMPTS |  |
|   | - VERY CONSOLE-LIKE                                 |  |
| • | ONLY WORKS ON COMA PHONES AT THE MOMENT             |  |
| • | JVM TO RUN ON TOP OF BREW IS PLANNED                |  |
| • | OTHER SERVER-SIDE ENGINES EXIST, BUT ARE OUT OF IT  |  |
|   | - EXEN ("EXECUTION ENGINE")                         |  |
|   | - WGE ("WIRELESS GRAPHICS ENGINE")                  |  |











