

Untitled

```
## Loading required package: xts
## Loading required package: zoo
##
## Attaching package: 'zoo'
##
## The following objects are masked from 'package:base':
##
##      as.Date, as.Date.numeric
```

```
setwd("D:/VM Share/aaStocks")
path = 'D:/VM Share/aaStocks'
file.names <- dir(path, pattern = ".csv")
for(i in 1:length(file.names)){
  file <- read.table(file.names[i], header=F, sep=",", stringsAsFactors=FALSE)
  file <- file[,c(1,2,3,4,5)]
  colnames(file) <- c('Date','Open','High','Low','Close')
  file <- GetStock(file,10)
  print(file.names[i])
  print(tail(file))
  print("")
}
```

```
## [1] "ABF.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 55 15/9/2014 2634 2660 2622  2632 39.00  59 2767 -135 -2 107
## 56 16/9/2014 2632 2636 2593  2616 43.00  58 2743 -127 -16 107
## 57 17/9/2014 2630 2651 2618  2630 35.00  56 2718  -88   0  67
## 58 18/9/2014 2632 2662 2623  2659 39.00  55 2691  -32  27  29
## 59 19/9/2014 2680 2727 2665  2675 68.07  56 2668    7  -5  -3
## 60 22/9/2014 2669 2713 2649  2694 64.00  57 2661   33  25 -12
## [1] ""
## [1] "AZN.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 4516 4549 4497  4545 52.25  78 4558  -13  30   9.0
## 56 16/9/2014 4537 4550 4460  4512 89.50  79 4555  -44 -26   5.0
## 57 17/9/2014 4518 4534 4484  4493 49.50  77 4547  -54 -26  13.5
## 58 18/9/2014 4493 4556 4488  4536 67.50  76 4545   -8  44 -10.5
## 59 19/9/2014 4562 4600 4532  4578 67.00  76 4547   32  16 -14.5
## 60 22/9/2014 4568 4588 4526  4578 62.50  75 4548   30  10 -22.0
## [1] ""
## [1] "BATS.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 3612 3650 3612  3634 38.00  45 3602   32  21   9.50
## 56 16/9/2014 3640 3640 3589  3602 51.00  46 3605  -4 -38 -35.00
## 57 17/9/2014 3612 3650 3602  3610 48.51  46 3609    0  -3 -41.01
## 58 18/9/2014 3616 3619 3596  3615 23.00  44 3611    4  -2 -15.00
## 59 19/9/2014 3656 3656 3624  3629 41.50  44 3616   13 -28   8.50
## 60 22/9/2014 3635 3635 3586  3618 48.50  44 3617    0 -18 -18.00
## [1] ""
## [1] "CCL.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC Tog
## 55 15/9/2014 3612 3650 3612  3634 38.00  45 3602   32  21   9.50
## 56 16/9/2014 3640 3640 3589  3602 51.00  46 3605  -4 -38 -35.00
## 57 17/9/2014 3612 3650 3602  3610 48.51  46 3609    0  -3 -41.01
## 58 18/9/2014 3616 3619 3596  3615 23.00  44 3611    4  -2 -15.00
## 59 19/9/2014 3656 3656 3624  3629 41.50  44 3616   13 -28   8.50
## 60 22/9/2014 3635 3635 3586  3618 48.50  44 3617    0 -18 -18.00
```

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## 55 15/9/2014 2377 2386 2360 2382 26.00 36 2358 24 5 2
## 56 16/9/2014 2375 2390 2365 2388 25.35 35 2371 17 13 -6
## 57 17/9/2014 2390 2405 2371 2400 34.00 35 2382 18 10 -11
## 58 18/9/2014 2401 2425 2381 2425 44.00 35 2388 37 24 -7
## 59 19/9/2014 2437 2487 2435 2470 62.00 37 2398 72 33 37
## 60 22/9/2014 2458 2460 2432 2437 38.00 37 2403 34 -21 29
## [1] ""
## [1] "IHG.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 2358 2406 2344 2371 62 38 2319 52 13 25
## 56 16/9/2014 2375 2375 2345 2371 30 37 2326 45 -4 19
## 57 17/9/2014 2375 2378 2358 2373 20 36 2331 42 -2 27
## 58 18/9/2014 2373 2413 2373 2412 40 36 2340 72 39 33
## 59 19/9/2014 2431 2454 2429 2445 42 37 2355 90 14 74
## 60 22/9/2014 2444 2444 2416 2433 29 36 2370 63 -11 46
## [1] ""
## [1] "IMT.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 2731 2765 2720 2764 44.56 41 2692 72 33 28.44
## 56 16/9/2014 2760 2763 2734 2752 30.00 40 2704 48 -8 30.00
## 57 17/9/2014 2765 2773 2748 2748 25.45 39 2716 32 -17 31.55
## 58 18/9/2014 2750 2781 2745 2774 36.00 39 2723 51 24 22.00
## 59 19/9/2014 2788 2790 2749 2771 41.00 39 2732 39 -17 17.00
## 60 22/9/2014 2756 2771 2742 2751 29.20 39 2740 11 -5 1.80
## [1] ""
## [1] "ITRK.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 2732 2745 2716 2738 29 38 2780 -42 6 35
## 56 16/9/2014 2733 2733 2691 2697 47 39 2768 -71 -36 35
## 57 17/9/2014 2703 2717 2641 2646 76 41 2751 -105 -57 34
## 58 18/9/2014 2649 2674 2636 2650 38 41 2736 -86 1 62
## 59 19/9/2014 2671 2684 2662 2674 34 41 2723 -49 3 39
## 60 22/9/2014 2682 2682 2637 2645 45 41 2708 -63 -37 26
## [1] ""
## [1] "JMAT.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 3154 3167 3134 3138 36 45 3177 -39 -16 10
## 56 16/9/2014 3141 3141 3064 3100 77 47 3169 -69 -41 28
## 57 17/9/2014 3140 3163 3122 3131 63 48 3162 -31 -9 -1
## 58 18/9/2014 3134 3141 3119 3132 22 46 3153 -21 -2 12
## 59 19/9/2014 3147 3150 3104 3104 46 46 3145 -41 -43 -5
## 60 22/9/2014 3095 3126 3071 3121 55 47 3138 -17 26 12
## [1] ""
## [1] "NXT.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 6935 6985 6926 6970 58.95 100 7107 -137 35 122.0
## 56 16/9/2014 6965 6966 6855 6865 115.00 101 7076 -211 -100 110.0
## 57 17/9/2014 6900 6929 6855 6855 74.25 99 7044 -189 -45 114.8
## 58 18/9/2014 6850 6940 6843 6910 96.81 99 7013 -103 60 73.0
## 59 19/9/2014 6955 6985 6905 6930 80.00 98 6986 -56 -25 1.0
## 60 22/9/2014 6925 6940 6855 6925 85.00 97 6966 -41 0 26.0
## [1] ""
## [1] "RB.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog

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## 55 15/9/2014 5385 5462 5385 5460 76.8 74 5371 89 75 14
## 56 16/9/2014 5445 5495 5430 5495 65.0 74 5386 109 50 44
## 57 17/9/2014 5495 5540 5375 5390 165.0 80 5388 2 -105 -13
## 58 18/9/2014 5390 5430 5355 5405 75.0 80 5392 13 15 -37
## 59 19/9/2014 5440 5480 5350 5360 130.0 84 5394 -34 -80 -86
## 60 22/9/2014 5355 5365 5305 5345 60.0 82 5392 -47 -10 27
## [1] ""
## [1] "RDSB.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 2462 2480 2442 2480 40.00 34 2525 -45 18 45.0
## 56 16/9/2014 2483 2501 2475 2500 26.00 33 2520 -20 16 19.0
## 57 17/9/2014 2509 2509 2481 2484 28.00 33 2513 -28 -24 4.0
## 58 18/9/2014 2490 2504 2472 2494 32.00 33 2507 -13 4 2.5
## 59 19/9/2014 2502 2522 2498 2505 27.99 33 2501 4 2 -3.5
## 60 22/9/2014 2524 2525 2496 2500 29.50 32 2497 3 -24 -1.5
## [1] ""
## [1] "RIO.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 3201 3249 3184 3235 64.5 63 3225 10 34 -40.5
## 56 16/9/2014 3230 3242 3202 3232 40.5 62 3225 6 2 -23.0
## 57 17/9/2014 3264 3274 3232 3240 42.5 60 3223 16 -24 9.0
## 58 18/9/2014 3230 3248 3202 3230 46.0 59 3222 8 0 -20.0
## 59 19/9/2014 3215 3220 3168 3179 62.0 59 3218 -39 -36 -2.0
## 60 22/9/2014 3130 3130 3052 3058 127.0 64 3202 -144 -72 71.5
## [1] ""
## [1] "RRS.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 4635 4669 4609 4632 60 94 4767 -135 -3 98
## 56 16/9/2014 4631 4637 4542 4547 95 94 4722 -175 -84 85
## 57 17/9/2014 4562 4591 4535 4546 56 92 4682 -136 -16 91
## 58 18/9/2014 4525 4525 4414 4430 132 94 4630 -200 -95 105
## 59 19/9/2014 4369 4422 4351 4355 79 93 4592 -237 -14 170
## 60 22/9/2014 4321 4335 4261 4265 94 93 4548 -283 -56 213
## [1] ""
## [1] "SAB.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 3600 3857 3539 3740 451.5 261 1419 2321 140 2120
## 56 16/9/2014 3684 3720 3540 3661 199.5 257 1782 1879 -23 1758
## 57 17/9/2014 3650 3653 3572 3577 89.5 245 2137 1440 -74 1434
## 58 18/9/2014 3581 3592 3511 3537 81.0 233 2488 1049 -44 1023
## 59 19/9/2014 3560 3586 3537 3577 49.5 220 2842 735 16 695
## 60 22/9/2014 3565 3565 3492 3507 85.0 210 3190 317 -58 302
## [1] ""
## [1] "SDR.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog
## 55 15/9/2014 2435 2450 2427 2430 23.00 35 2445 -15 -5 -5.00
## 56 16/9/2014 2429 2431 2394 2408 37.00 35 2440 -32 -21 9.00
## 57 17/9/2014 2420 2443 2415 2428 34.61 35 2437 -9 8 -5.61
## 58 18/9/2014 2430 2451 2430 2444 23.00 34 2436 8 14 -6.00
## 59 19/9/2014 2465 2513 2463 2466 69.00 37 2436 30 1 27.00
## 60 22/9/2014 2457 2474 2451 2459 23.00 36 2438 21 2 13.00
## [1] ""
## [1] "SHP.L.csv"
##      Date Open High Low Close   tr atr   MA diff  OC  Tog

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## 55 15/9/2014 5290 5300 5255 5280 45.00 82 5127 153 -10 128.0
## 56 16/9/2014 5265 5295 5225 5285 70.15 81 5164 121 20 61.0
## 57 17/9/2014 5285 5338 5265 5335 72.67 80 5204 131 50 61.0
## 58 18/9/2014 5320 5365 5295 5320 70.00 80 5234 86 0 61.0
## 59 19/9/2014 5365 5380 5280 5290 100.00 81 5260 30 -75 20.0
## 60 22/9/2014 5250 5305 5215 5230 89.80 82 5270 -40 -20 -34.8
## [1] ""
## [1] "ULVR.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 2688 2705 2682 2692 23.00 32 2706 -14 4 1.00
## 56 16/9/2014 2696 2703 2679 2684 23.65 31 2706 -22 -12 3.30
## 57 17/9/2014 2678 2685 2610 2619 75.00 34 2698 -79 -59 13.00
## 58 18/9/2014 2611 2612 2585 2612 34.00 34 2686 -74 1 74.00
## 59 19/9/2014 2620 2632 2604 2604 28.37 34 2674 -70 -16 41.63
## 60 22/9/2014 2602 2607 2594 2601 13.36 32 2661 -60 -1 53.64
## [1] ""
## [1] "WEIR.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 2678 2691 2660 2673 44 49 2710 -37 -5 19.4
## 56 16/9/2014 2669 2673 2623 2644 50 49 2704 -60 -25 31.0
## 57 17/9/2014 2648 2660 2620 2634 40 48 2691 -57 -14 31.0
## 58 18/9/2014 2631 2641 2624 2630 17 46 2680 -50 -1 39.0
## 59 19/9/2014 2690 2701 2640 2640 71 48 2672 -32 -50 -29.0
## 60 22/9/2014 2626 2631 2591 2593 49 48 2663 -70 -33 32.0
## [1] ""
## [1] "WOS.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 3259 3271 3240 3254 36 41 3266 -12 -5 -5
## 56 16/9/2014 3250 3256 3216 3247 40 41 3264 -17 -3 8
## 57 17/9/2014 3253 3302 3247 3282 55 42 3265 17 29 -18
## 58 18/9/2014 3284 3362 3281 3362 81 45 3274 88 78 7
## 59 19/9/2014 3372 3394 3311 3315 83 47 3279 36 -57 32
## 60 22/9/2014 3311 3343 3302 3343 41 47 3289 54 32 13
## [1] ""
## [1] "WTB.L.csv"
##      Date Open High Low Close tr atr MA diff OC Tog
## 55 15/9/2014 4246 4246 4189 4203 58.0 67 4370 -167 -43 124.0
## 56 16/9/2014 4206 4211 4145 4172 66.0 67 4350 -178 -34 139.0
## 57 17/9/2014 4210 4228 4173 4175 55.9 66 4324 -149 -35 96.1
## 58 18/9/2014 4188 4264 4167 4264 97.0 68 4303 -39 76 39.0
## 59 19/9/2014 4300 4334 4257 4258 77.0 69 4281 -23 -42 -53.0
## 60 22/9/2014 4257 4265 4217 4248 48.0 68 4266 -18 -9 1.0
## [1] ""

```