

Changed values →

The screenshot shows the DDD (Data Display Debugger) interface. The title bar indicates the file path: `DDD: /usr/users/sts1/zeller/ddd/ddd/sample.c`. The menu bar includes `File`, `Edit`, `View`, `Program`, `Commands`, `Status`, `Source`, `Data`, and `Help`. The toolbar contains icons for `Lookup`, `Find»`, `Break`, `Watch`, `Print`, `Display`, `Plot`, `Hide`, `Rotate`, `Set`, and `Undo`.

The `(*) size` window displays the memory address `3: a[0] @ (argc - 1)` with the following values: `1000`, `4000`, `5000`, `7000`, and `8000`. These values are highlighted in yellow.

The `Source` window shows the following C code:

```
for (i = h; i < size; i++)
{
    int v = a[i];
    for (j = i; j >= h && a[j - h] > v; j -= h)
        a[j] = a[j - h];
    if (i != j)
        a[j] = v;
}
} while (h != 1);
}

int main(int argc, char *argv[])
{
    int *a;
    int i;

    a = (int *)malloc((argc - 1) * sizeof(int));
    for (i = 0; i < argc - 1; i++)
        a[i] = atoi(argv[i + 1]);

    shell_sort(a, argc);

    for (i = 0; i < argc - 1; i++)
        printf("%d ", a[i]);
}
```

The `Run` window on the right contains the following buttons: `Run`, `Interrupt`, `Step`, `Stepi`, `Next`, `Nexti`, `Until`, `Finish`, `Cont`, `Kill`, `Up`, `Down`, `Undo`, `Redo`, `Edit`, and `Make`.

The `Status` window at the bottom displays the following information:

```
Run till exit from #0 shell_sort (a=0x8049900, size=5) at
/usr/users/sts1/zeller/ddd/ddd/sample.c:9
0x804872d in main (argc=6, argv=0xbffff92c) at
/usr/users/sts1/zeller/ddd/ddd/sample.c:35
(gdb) I
```

The status bar at the bottom indicates `Updating displays...done.`

Changed Values after Setting