DDD: /usr/local/src/dolfin/dolfin/fem/Assembler.cpp

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(): dolfin/fem/Assembler.cpp:198

Lookup Find>> Clear Watch Print Display Plot Show Rotate Set Undisp

```
    // Interpolate coefficients on cell
    for (uint i = 0; i < coefficients.size(); i++)
      coefficients[i]->interpolate(ufc.w[i], ufc.cell,
*ufc.coefficient_elements[i], *cell);

    // Tabulate dofs for each dimension
    for (uint i = 0; i < ufc.form.rank(); i++)
      dof_map_set[i].tabulate_dofs(ufc.dofs[i], ufc.cell, cell->index()

    // Tabulate cell tensor
    integral->tabulate_tensor(ufc.A, ufc.w, ufc.cell);

    // Add entries to global tensor
    A.add(ufc.A, ufc.local_dimensions, ufc.dofs);

    p++;
```

DDD

Run
Interrupt
Step Stepi
Next Nexti
Until Finish
Cont Kill
Up Down
Undo Redo
Edit Make

```
(gdb) cont
^C
Program received signal SIGINT, Interrupt.
0xb7f8b410 in __kernel_vsyscall ()
(gdb) break dolfin/fem/Assembler.cpp:198
Breakpoint 1 at 0xb4ab58f3: file dolfin/fem/Assembler.cpp, line 198.
(gdb) cont

Breakpoint 1, dolfin::Assembler::assembleCells (this=0xbffe9a88, A=@0x870ab20,
coefficients=@0x86c00e0, dof_map_set=@0x870dc40, ufc=@0xbffe999c,
domains=0x8713e40) at dolfin/fem/Assembler.cpp:200
Current language:  auto; currently c++
(gdb) print ufc.A[0]
$1 = 0.5
(gdb)
```

△ $1 = 0.5

DDD: Execution Window

```
Python 2.5.2 (r252:60911, Jul 31 2008, 17:28:52)
[GCC 4.2.3 (Ubuntu 4.2.3-2ubuntu7)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> from dolfin import *
[kent-and-laptop:10167] mca: base: component_find: unable to open osc pt2pt: file n
ot found (ignored)
>>> import demo
Solving linear PDE.
```