Charm++ - Bug #1498
SDAG methods are not properly inherited by chare subclasses

04/11/2017 05:22 PM - Eric Mikida

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Description

```c
chare A {
  entry A();
  entry void foo();
  entry void bar() { when foo() {} };
};

chare B : A {
  entry B();
  entry void baz() { when foo() {} };
};
```

The above example fails to compile, because at the level of charmxi, B doesn't have a foo() method since it doesn't see the one declared in the parent class. Declaring a foo() method in B will get it to compile, but won't trigger whens correctly. If you have a CProxy_B, and call bar() and foo() on it, the when in bar() will never trigger because CProxy_B::foo() doesn't trigger it properly.