

```
int kernel1(int param1, int param2, void* data);
```

Software knobs kernel1

```
int kernel2(int paramA, int paramB, void* data);
```

Software knobs kernel2

```
int main( )
```

```
{
```

```
data = work_to_do();
```

```
while(data != nullptr)
```

```
{
```

```
kernel1(1, 2, data);
```

```
kernel2(3, 4, data);
```

```
data = work_to_do();
```

```
}
```

```
}
```

Block of code  
"kernel1"

Knowledge1.xml

Adaptation.xml

Block of code  
"kernel2"

Knowledge2.xml