

Code generation → Use template T → Generated code C

```

Template T
public def marshall(Operation op) {
    ...
    int size = 0;
    «FOR p:op.InOutParameters»
    {
        «p.type.cppType» varName ASN = «p.name»;
        BEncAsnContent(&pBuffer, &varName ASN);
        size += sizeof(«p.name»);
    }
    «ENDFOR»
    send(pBuffer, size);
    ...
}

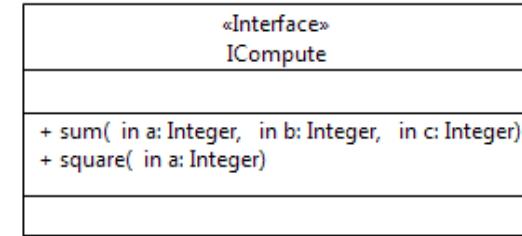
```

Generated code C

```

Template T
public def marshall(Operation op) { Template T
    ...
    int size = 0;
    «FOR p:op.InOutParameters»
    {
        «p.type.cppType» varName ASN = «p.name»;
        AnsiMarshall(&pBuffer, &varName ASN);
        size += sizeof(«p.name»);
    }
    «ENDFOR»
    send(pBuffer, size);
    ...
}

```



Generated code C

```

/*non generated*/
int sum(int a, int b) {
    int size;
    {
        int varName = a;
        BEncAsnContent(&pBuffer, &varName);
        size += sizeof(a);
    }
    {
        int varName = b;
        BEncAsnContent(&pBuffer, &varName);
        size += sizeof(b);
    }
    size = size + 5;
    send(pBuffer, size);
}

```