

```
bc::nn::Layer_Input  
_Base< Tensor_Descriptor  
< ValueType, SystemTag,  
Integer< 1 > > >
```

```
bc::nn::Layer_Output  
_Base< Tensor_Descriptor  
< ValueType, SystemTag,  
Integer< 1 > > >
```

```
bc::nn::Layer_Base  
< LSTM< SystemTag, ValueType,  
Optimizer, ForgetGateNonlinearity,  
WriteGateNonlinearity, InputGateNonlinearity,  
OutputGateNonlinearity, CellStateNonLinearity  
>, Tensor_Descriptor< ValueType, SystemTag,  
Integer< 1 > > >
```

```
bc::nn::LSTM< SystemTag,  
ValueType, Optimizer,  
ForgetGateNonlinearity,  
WriteGateNonlinearity,  
InputGateNonlinearity, OutputGate  
Nonlinearity, CellStateNonLinearity >
```

