

```
<CGRA>
  <definition name="NAME" value="VALUE"/> ...
  <template name="NAME">
    <input name="NAME"/> ...
    <output name="NAME"/> ...
    <inst name="NAME" module="PRIMITIVE_TYPE"/> ...
    <submodule name="NAME" module="TEMPLATE_NAME"/> ...
    <wire name="NAME"/> ...
    <connection from="FROM" to="TO"/> ...
    <connection from="FROM" distribute-to="TOS"/> ...
    <connection select-from="FROMs" to="TO"/> ...
  </template> ...
  <architecture row="ROWS" col="COLUMNS">
    <pattern row-range="FROM TO" col-range="FROM TO"
      row-counter="NAME" col-counter="NAME"
      wrap-around="0/1" wrap-col="0/1"
      wrap-row="0/1">
      <block module="TEMPLATE_NAME"/> ...
      <connection from="FROM" to="TO"/> ...
    </pattern> ...
  </architecture>
</CGRA>
```