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conf_tb_asiso_gen_dpctrl_own.vhd

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-- File: conf_tb_asiso_gen_dpctrl.vhd  
-- Description: configuration of generic SISO for data path/controller  
--              architecture  
-- Author: Sabih Gerez, University of Twente  
-- Creation date: Sat Aug 21 21:42:00 CEST 2004  
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-- $Rev: 1$  
-- $Author: gerezsh$  
-- $Date: Thu Sep 15 09:40:39 CEST 2022$  
-- $Log$  
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```

```
configuration conf_tb_asiso_gen_dpctrl_own of tb_asiso_gen_top is  
  for top  
    for tg: tb_asiso_gen use entity work.tb_asiso_gen(structure)  
      generic map (word_length => 16);  
    for structure  
      for duv: siso_gen use entity work.siso_gen(dpctrl);  
        for dpctrl  
          for dp: cmp_add_dp use entity work.cmp_add_dp(behavioral);  
            end for;  
          for cn: cmp_add_ctrl use entity work.cmp_add_ctrl(my_gcd);  
            end for;  
          end for;  
        end for;  
      for tv: tv_asiso_gen use entity work.tv_asiso_gen(file_io)  
        generic map (word_length => 16,  
                     in_file_name => "gcd16.in",  
                     out_file_name => "gcd16.out");  
      end for;  
    end for;  
  end for;  
end conf_tb_asiso_gen_dpctrl_own;
```