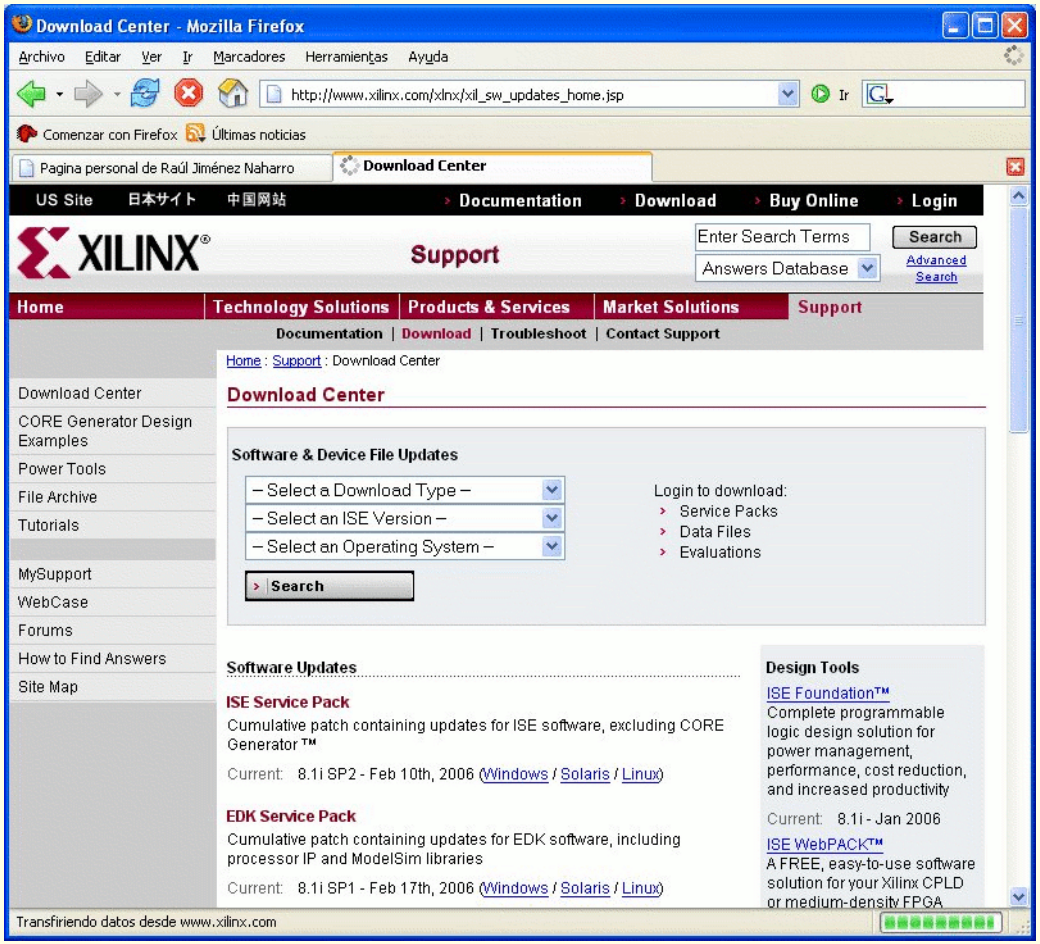
PRÁCTICA:

MANUAL DE XILINX



Página web XILINX

http://www.xilinx.com/

Ir a la sección Download

Entrar en ISE WebPACK

Registrarse

Descargar WebPACK

Instalar

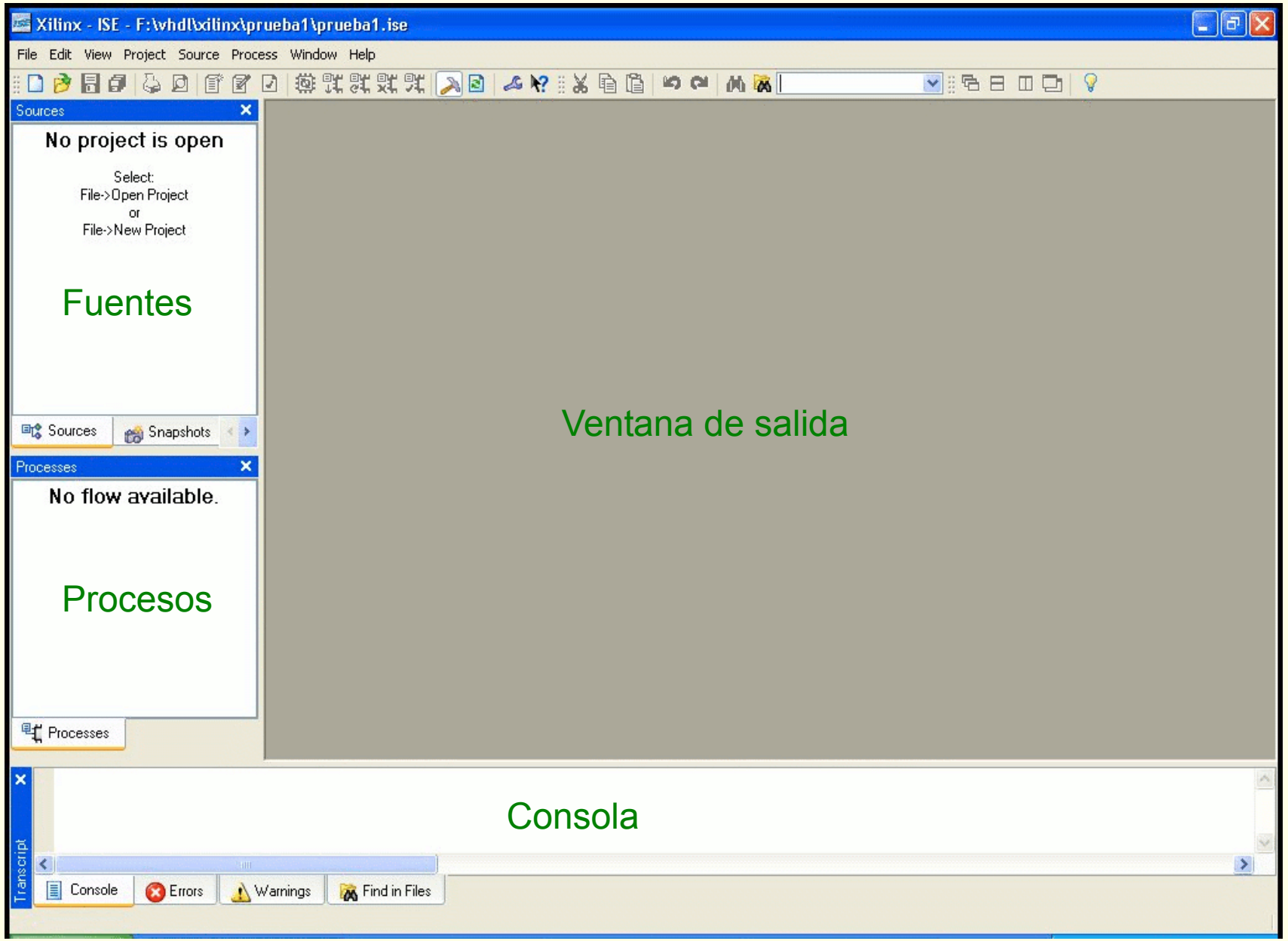
Tutoriales

http://support.xilinx.com/support/techsup/tutorials/index.htm

Flujo de diseño

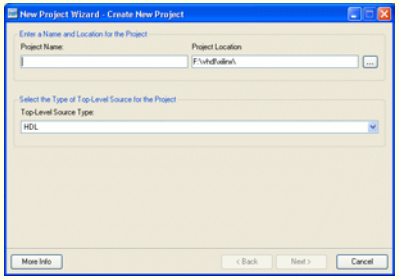
Herramienta XILINX

Introducción

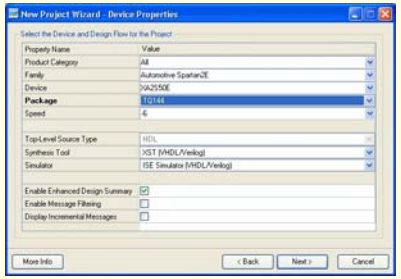


Herramienta XILINX

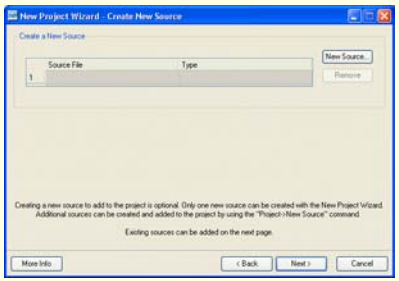
Nuevo proyecto



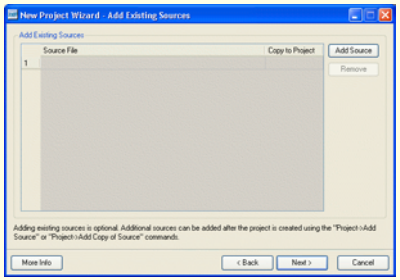
Nombre del proyecto



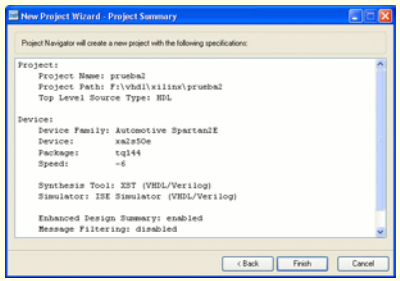
Datos del proyecto



Añadir nueva fuente



Añadir fuentes existentes



Resumen del proyecto

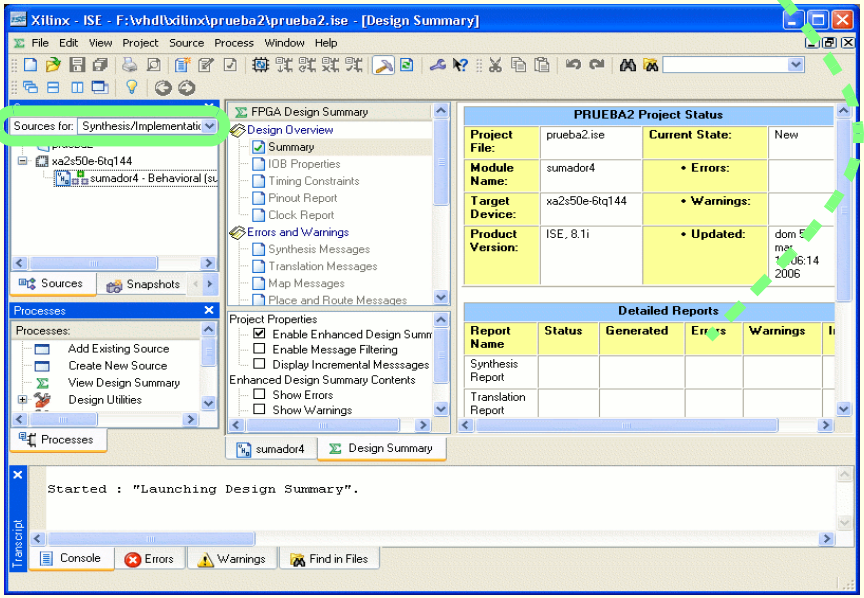
Nueva fuente

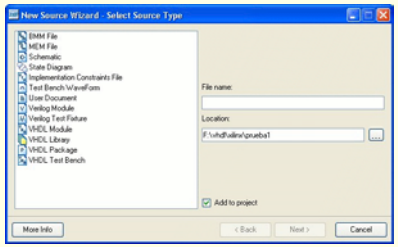
Herramienta XILINX

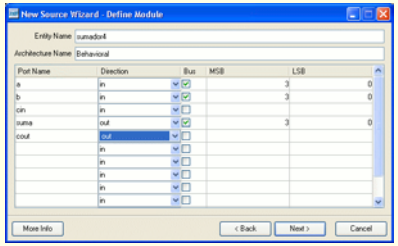
Tipos de procesos

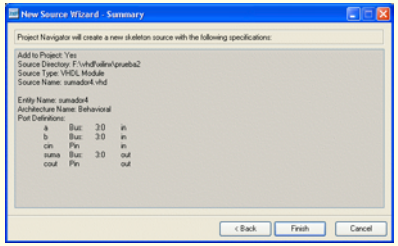
Datos del proyecto

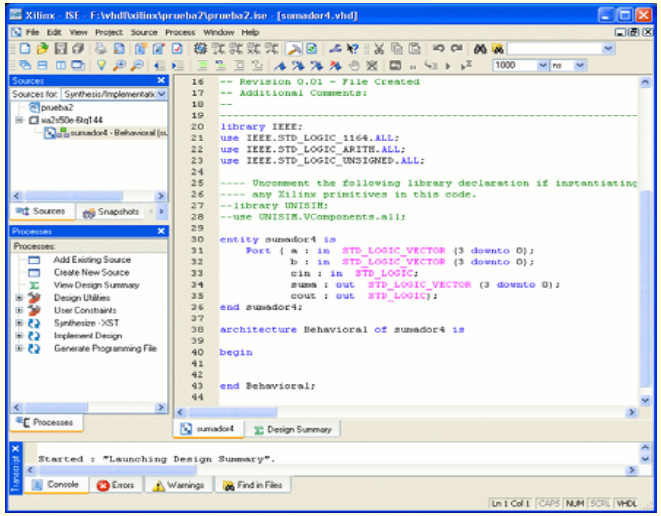
Nueva fuente





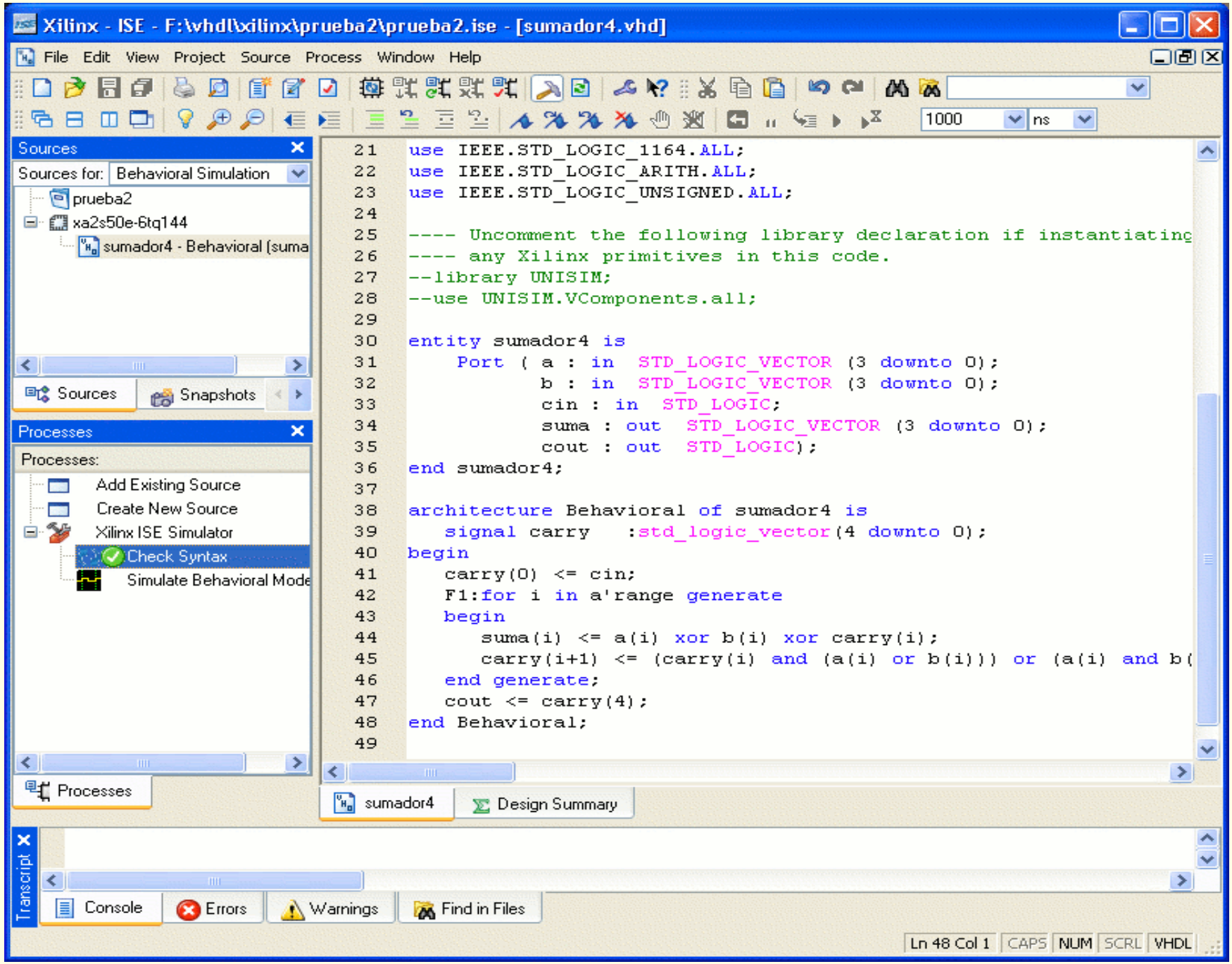






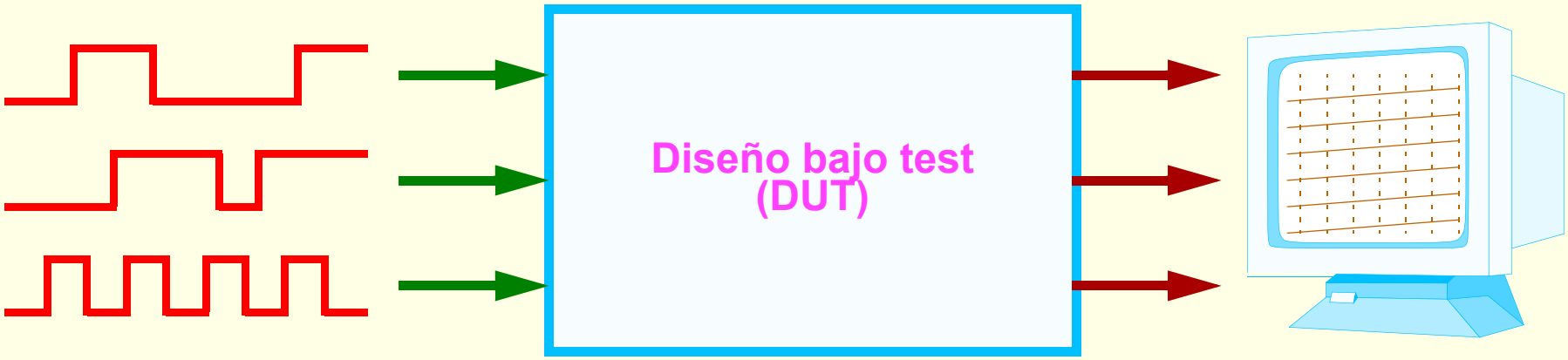
Código VHDL

Nueva fuente

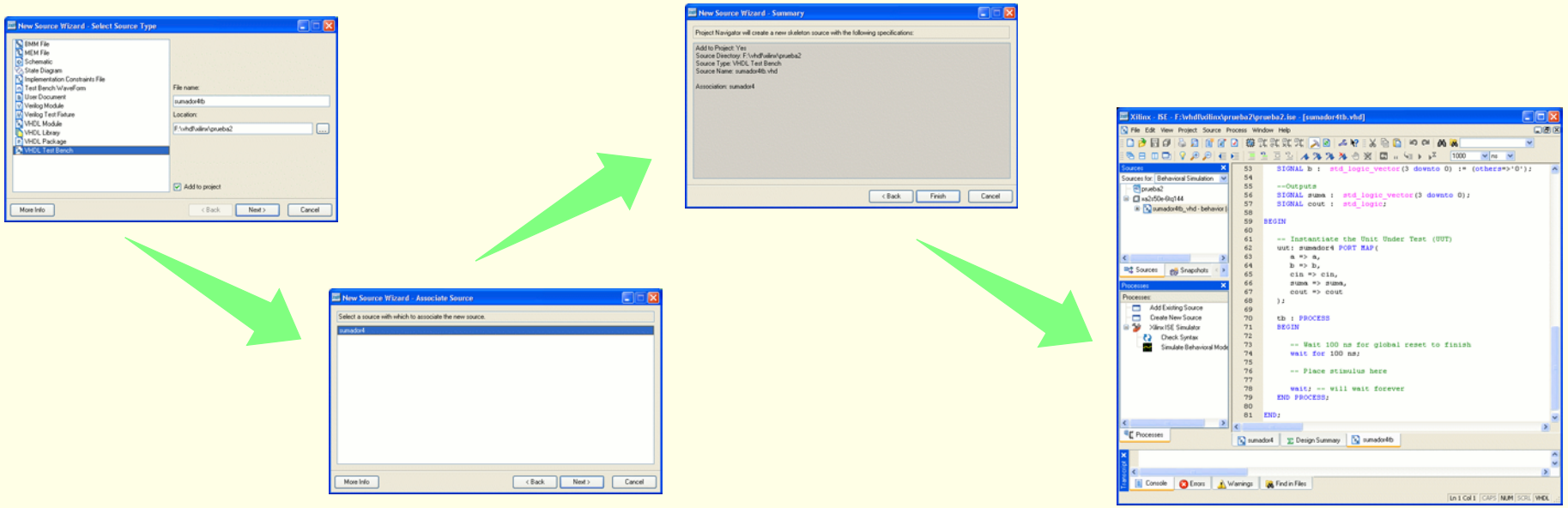


Herramienta XILINX

Fichero de patrones (testbench)

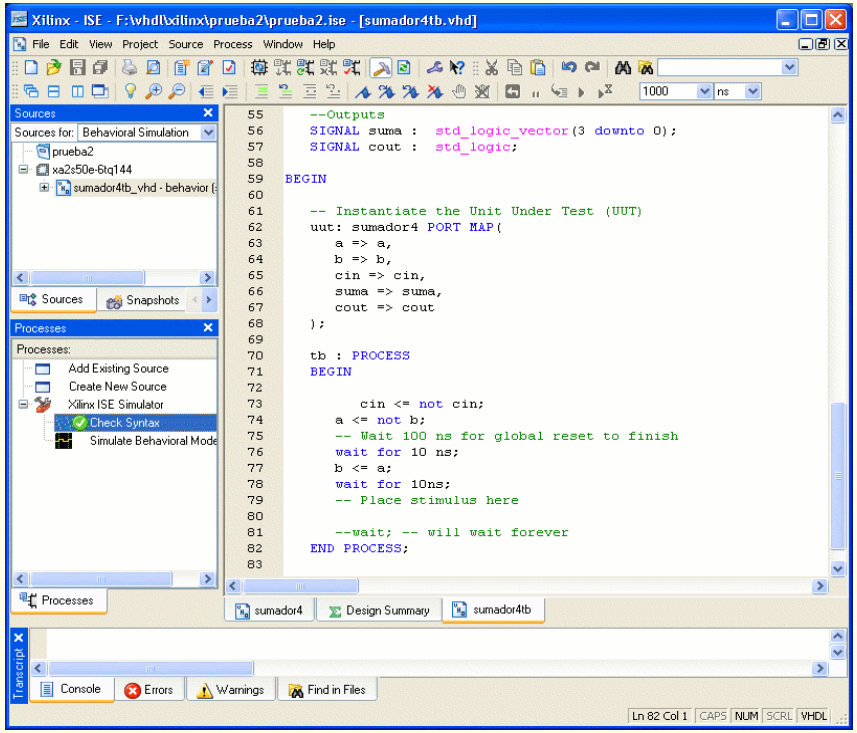


Nueva fuente de patrones (testbench)

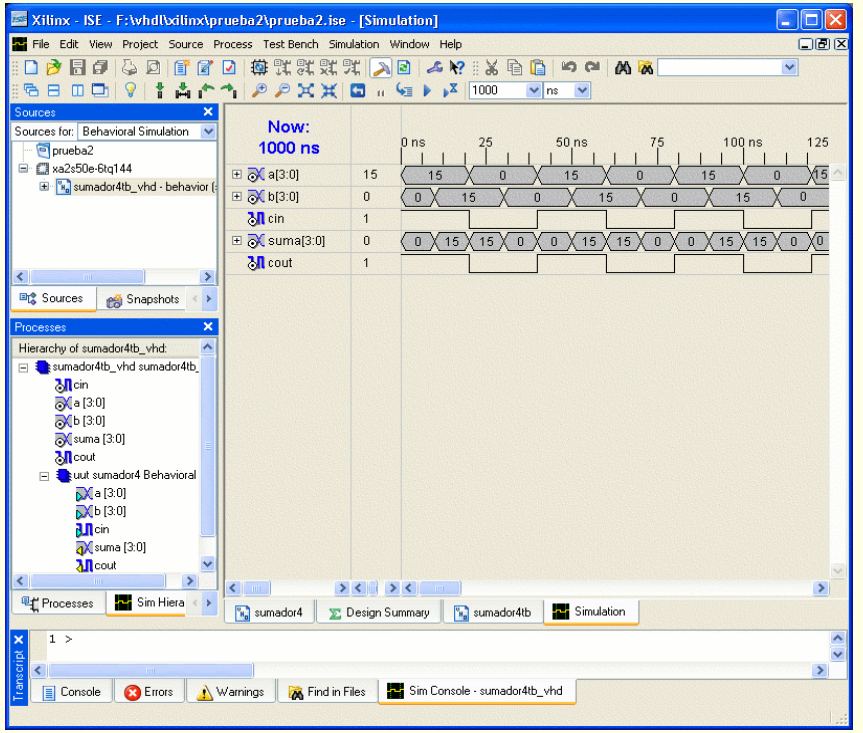


Herramienta XILINX

Fichero de patrones (testbench)



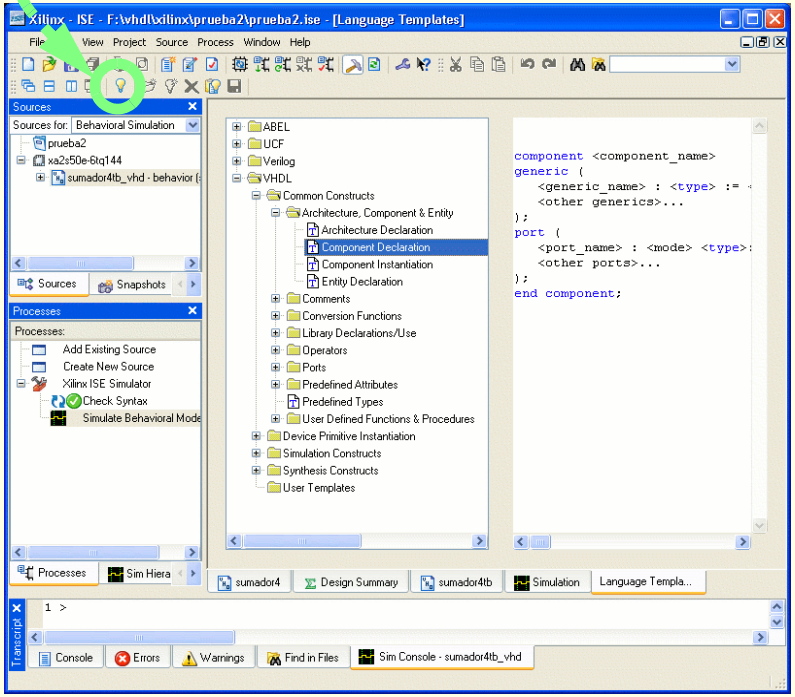
Simulación



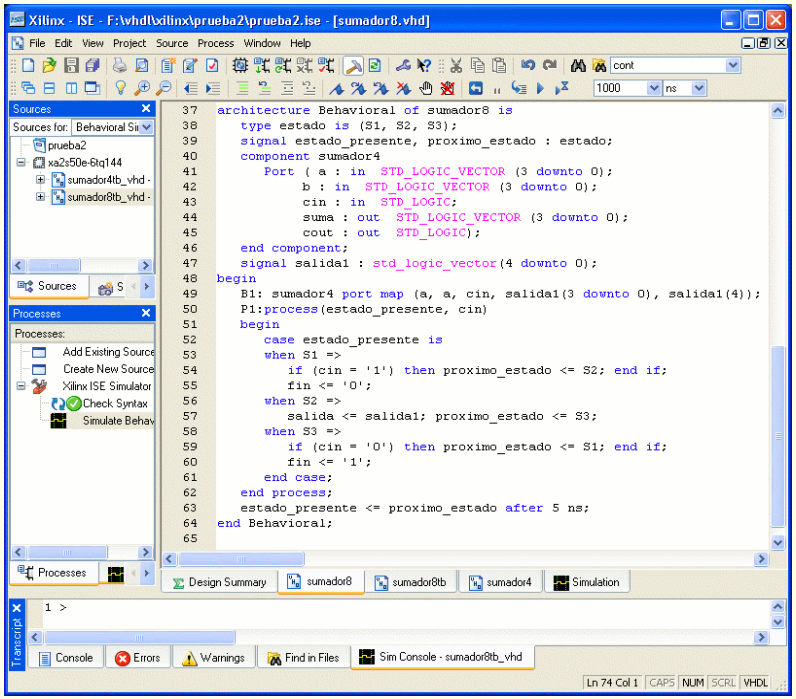
Herramienta XILINX

Creación de una nueva fuente

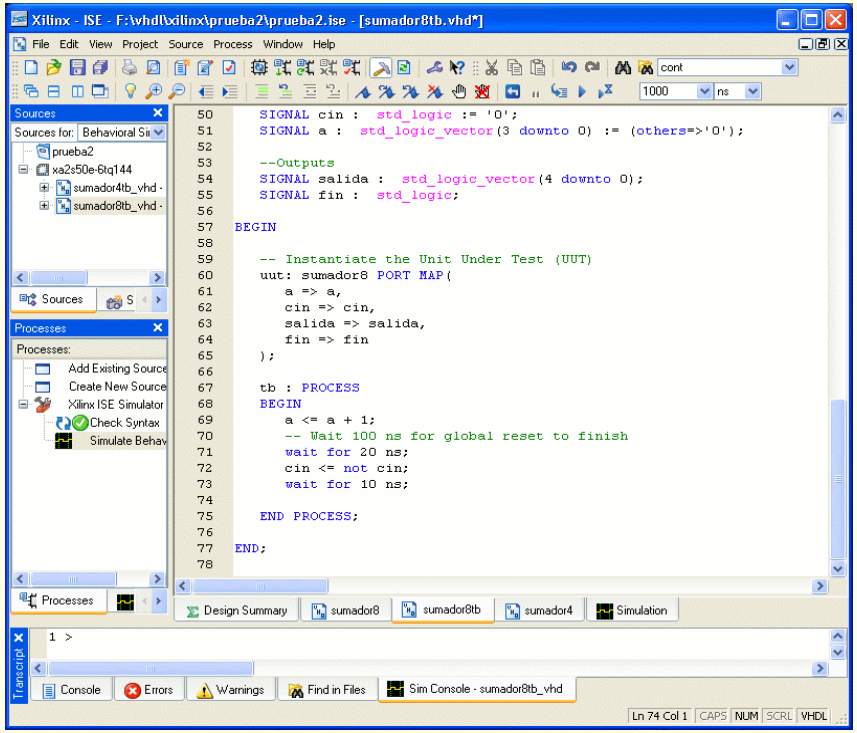
Plantillas



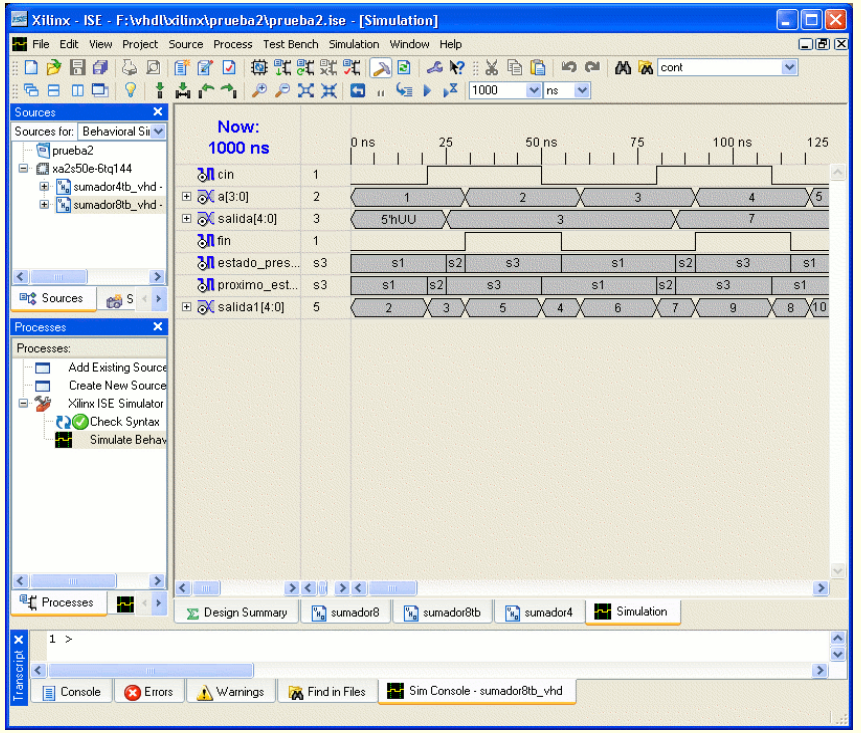
Copiar, pegar y cambiar



Simulación

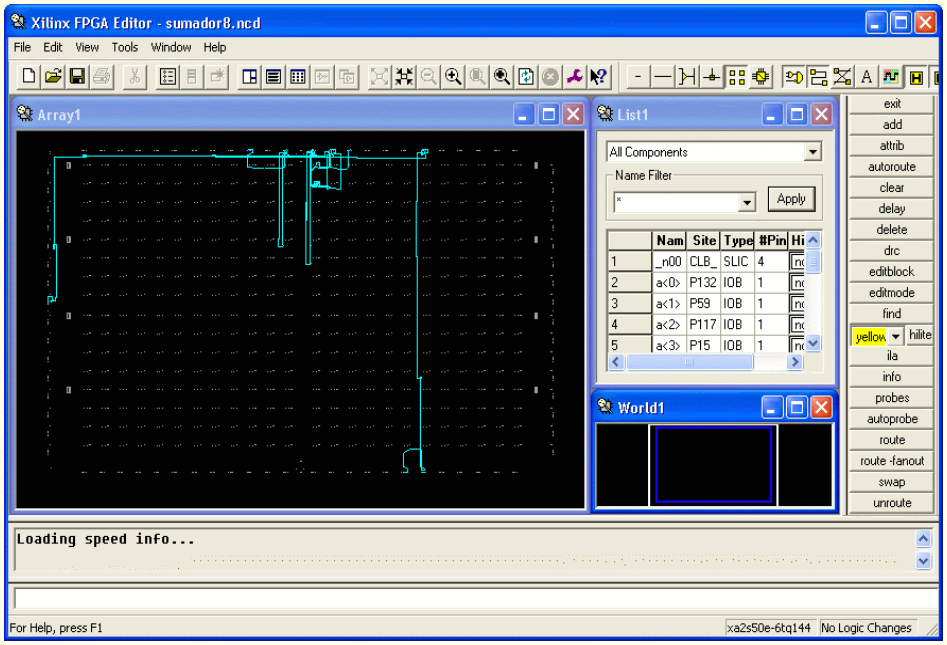


Simulación



Herramienta XILINX

Implementar



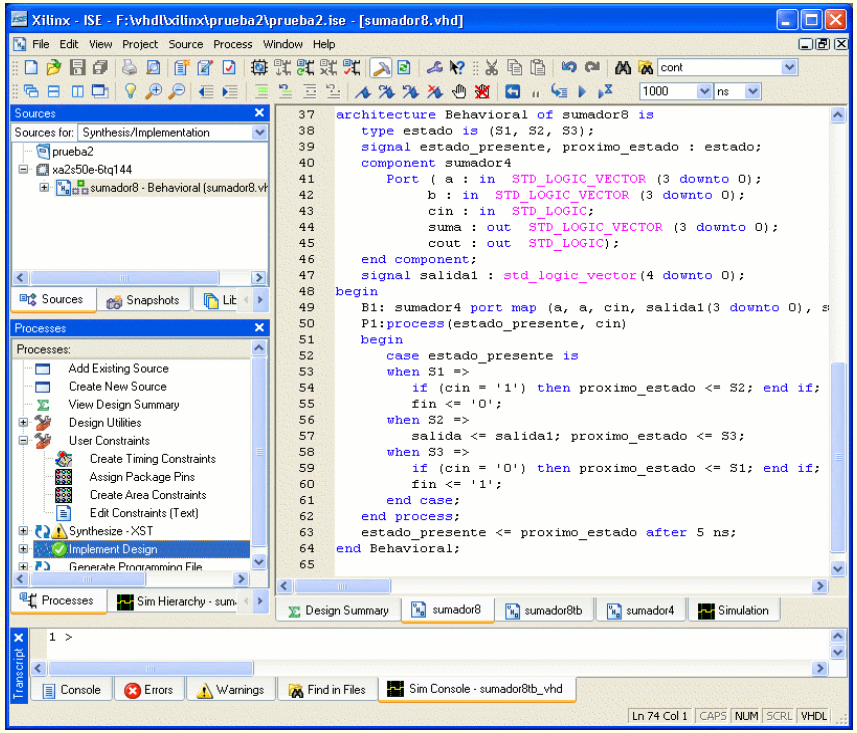
Cableado ineficiente

Colocación ineficiente

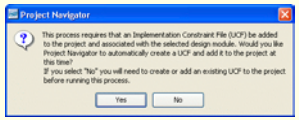
Muy útil incluir restricciones:

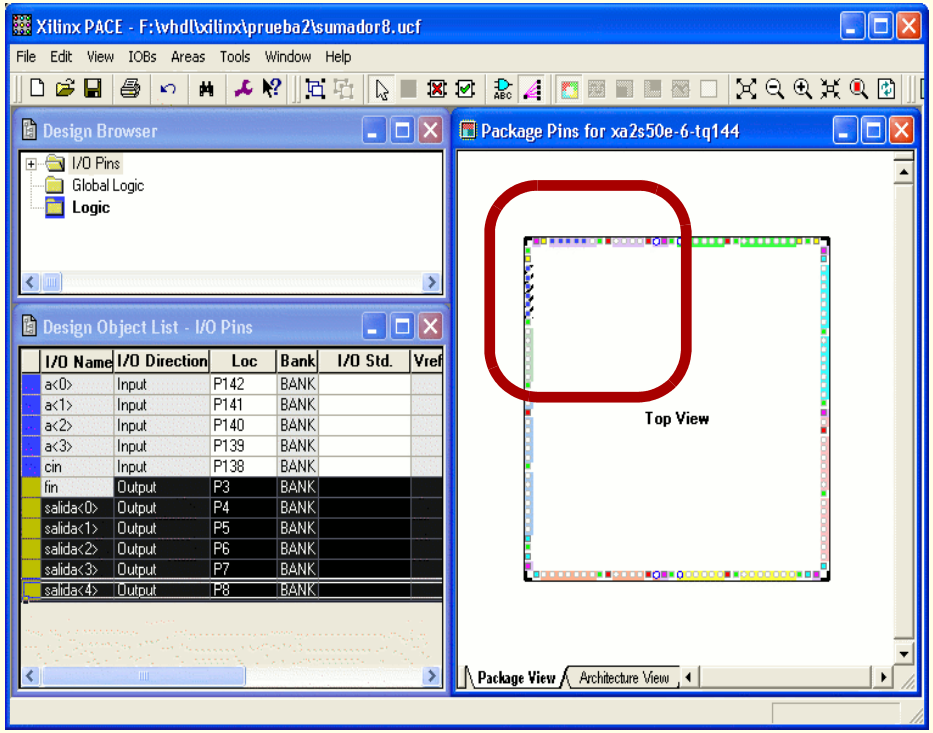
- Indicar la colocación de los puertos
- Indicar una estimación de área ocupada
- Indicar una estimación de retraso

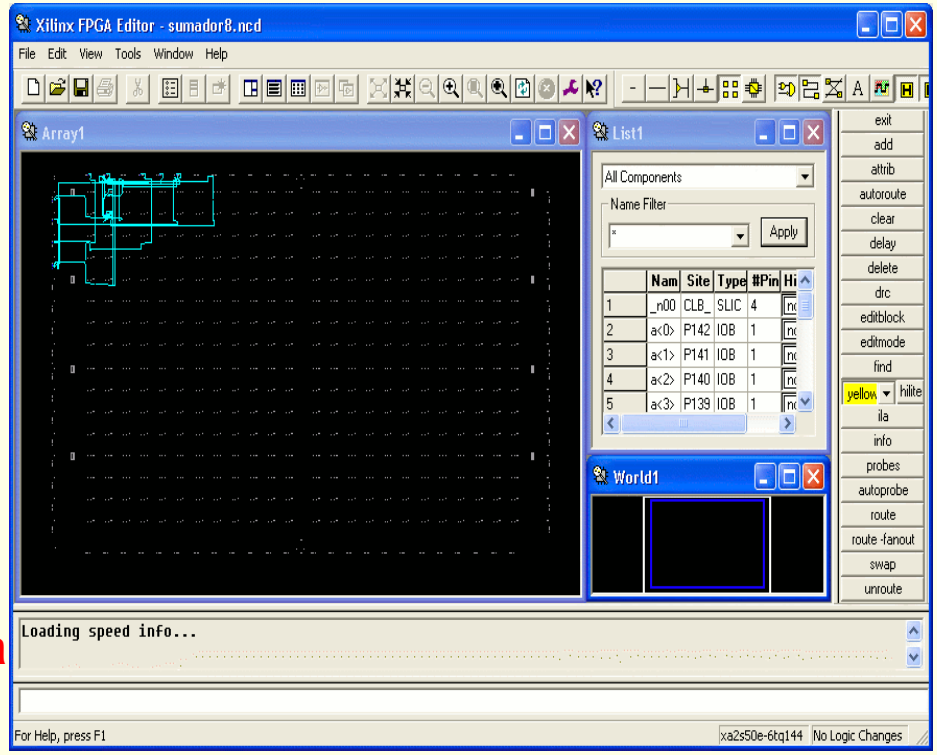
Implementar



Fichero de restricciones

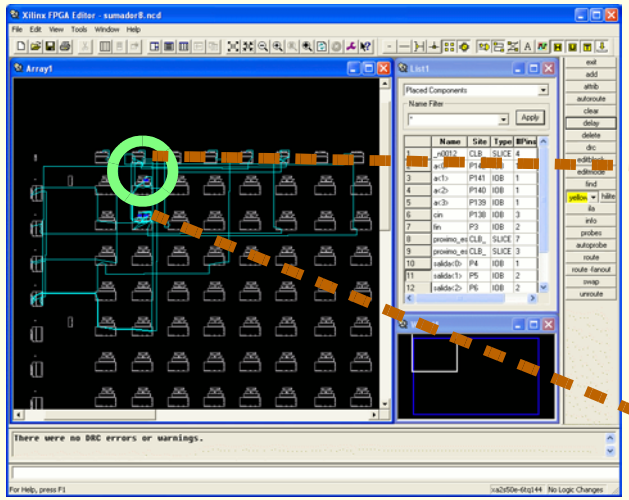


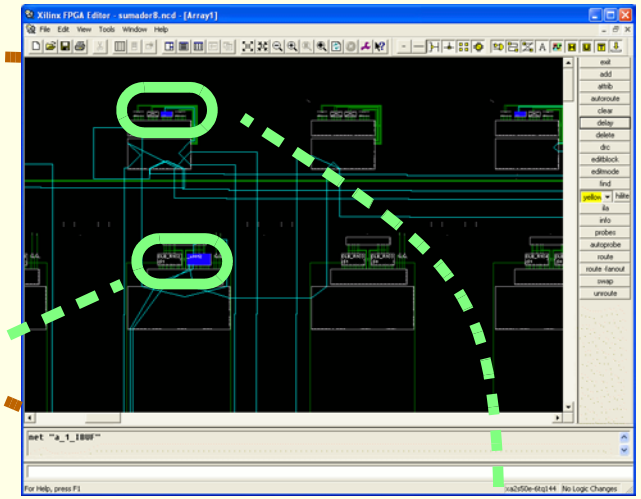


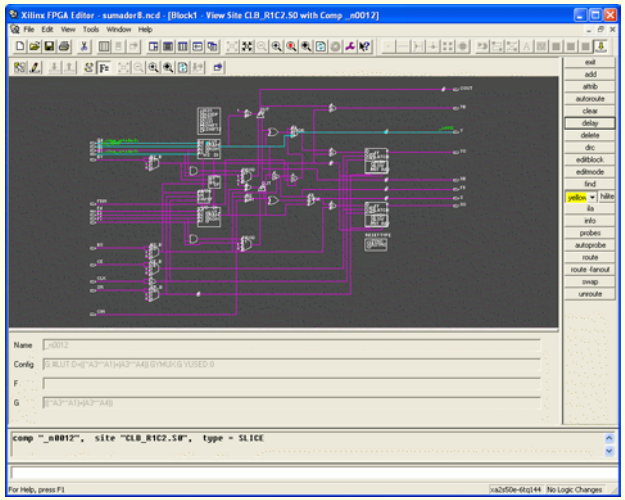


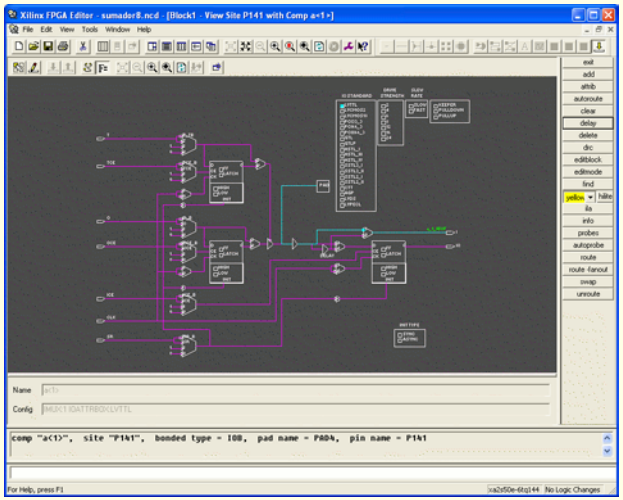
Herramienta XILINX

Implementar









Herramienta
XILINX