

Schema Examples

Example 1 : Simple Schema

<i>CounterSD</i>	
$count : \mathbb{N}$	
$count \geq 0$	

Example 2 : Schema with Multiple Fields

<i>Point</i>	
$x : \mathbb{Z}$	
$y : \mathbb{Z}$	

Example 3 : Schema with Constraints

<i>BoundedPoint</i>	
$x : \mathbb{N}$	
$y : \mathbb{N}$	
$x \leq 100$	
$y \leq 100$	

Example 4 : Schema with Given Types

[*PersonSD*]

<i>PersonData</i>	
$name : PersonSD$	
$age : \mathbb{N}$	
$age \geq 0$	
$age \leq 150$	