

Summary of Changes

Cryptol version 2	Cryptol version 1	Summary
<code>[False, True, True] (==3)</code>	<code>[False True True] (== 6)</code>	Big-endian word representation
<code>[1, 1, 2, 3, 5]</code>	<code>[1 1 2 3 5]</code>	Commas separate sequence entries
<code>x = 1</code>	<code>x = 1;</code>	Uses <i>layout</i> instead of ;'s and {'s
<code>[x x <- [1 .. 10]]</code>	<code>[x x <- [1 .. 10]]</code>	Cleaner sequence constructor syntax
<code>f : {a,b} a -> b</code>	<code>f : {a b} a -> b</code>	Commas separate type variables
<code>take{1} xs</code>	<code>take(1, xs)</code>	First-class type parameters
<code>x ^^ 2</code>	<code>x ** 2</code>	^^ for exponentiation
<code>< x^^2 + 1 ></code>	<code>< x^2 + 1 ></code>	Polynomial exponentiation now uniform
<code>[0 ..]:[_][8]</code>	<code>take(255, [0 ..]:[inf][8])</code>	Both produce [0 .. 255]
<code>[0 ..]:[inf][8]</code>	<code>[0 ..]:[inf][8]</code>	Both produce [0 .. 255](repeated)
<code>[9, 8 .. 0]</code>	<code>[9 -- 0]</code>	Step defines decreasing sequences
<code>&&, , ^</code>	<code>&, , ^</code>	Boolean operator syntax
<code>property foo xs=...</code>	<code>theorem foo: {xs}. xs=...</code>	Properties replace theorems (see below)