























JM H264 Decoder Step 2: Behavioural Synthesis		
<ul> <li>Clean command line I/F (Unix)         <ul> <li>Command line I/F hidden in Windows GUI</li> <li>Number of experimental variables available             <ul></ul></li></ul></li></ul>	Reading UDL from "/nrth/pfs/_disk/Documents and Settings/elvc/Ny Documents/BUSINESS/axilica/ir tracouT/2007/dem/hd4/axi". BUD will be written to ".". starting processing Reading /nrth/Bfs/_disk/Documents and Settings/elvc/Ny Documents/BUSINESS/axilica/intracouT/14 07/demo/h264.axi DVT read GK Compiled model Compiled model GK	
Reasonably fast compile times	Dumping object IDs Synthesising RTL for model	
<ul> <li>Output is <ul> <li>RTL VHDL files (one per class) and top-level design</li> <li>Collection of SC_MODULES (one per class) and top-level</li> </ul> </li> <li>Ready for: <ul> <li>Validation (Algorithmic)</li> <li>Co-simulation (RTL vs Algorithm)</li> <li>Performance modelling (Area/Timing optimization)</li> </ul> </li> </ul>	Elaborating BistreamBiffer Synthesising HistreamBiffer Hriting HIL for HistreamBiffer Elaborating CallerID Writing HIL for CallerID Elaborating Deblock Elaborating Deblock Elaborating Deblock Elaborating Decoder Writing HIL for Decoder Elaborating Decoder Elaborating Entropy Writing HIL for Decoder Elaborating Entropy Writing HIL for Intropy Elaborating Image	
On to downstream flows	Writing RTL for Inage Elaborating Inter Synthesising Inter Writing RTL for Inter Elaborating Intra Synthesising Intra Writing RTL for Intra	

JM H264 Decoder Step 3: SystemC simulation			
SystemC 2.1.vl Aug 25 2007 13:24 Copyright (c) 1996-2005 by all Contributo ALL RIGHTS RESERVED Opened binary file ././264/catl.264 for reading init time : 134 ns written : 1 decoding time : 2.160066+06 ns ime : 2160062 ns written : 2 decoding time : 1.50539e+06 ns ime : 3665454 ns written : 3 decoding time : 2.30323e+06 ns ime : 5986886 ns written : 4 decoding time : 1.67427e+06 ns ime : 1.6742958 ns	1:42 prs running average : 2.16006e+06 ns running average : 1.83273e+06 ns running average : 1.98956e+06 ns running average : 1.91074e+06 ns	total t total t total t total t	
written: 5 decoding time: 1.60765e+06 ns ime: 9310604 ns written: 6 decoding time: 1.4168e+06 ns e: 10727402 ns written: 7 decoding time: 1.66629e+06 ns ime: 1.2933094 ns written: 8 decoding time: 1.2845e+06 ns me: 1.8078194 ns	running average : 1.86212e+06 ns running average : 1.7879e+06 ns running average : 1.77053e+06 ns running average : 1.70977e+06 ns	total t total tim total t total t	
<ul><li>Algorithmic validation</li><li>Performance modelling</li></ul>			

• RTL Co-simulation

