

# Intel® Stress Bitstreams and Encoder 2016 – Analytic Tools Release Notes (Version 2.1)

[Overview](#)

[Features](#)

[Changes History](#)

[System Requirements](#)

[Package Contents](#)

[Installation](#)

[Legal Information](#)

[Attributions](#)

## Overview

The **Intel® Stress Bitstreams and Encoder 2016 Analytic Tools** are designed to collect code and syntax element coverage, generate HTML reports, and optimize set of streams to decrease complexity of smoke and feature testing.

## Features

The **Intel® Stress Bitstreams and Encoder 2016 Analytic Tools** include four tools to analyze valid HEVC and VP9 streams, generate coverage reports similar to Branch and Syntax Coverage Static View from Bitstream packages, generate coverage difference report, and find subset of streams with the same level of coverages as full stream set. In addition, it is possible to identify minimal set of streams to cover pre-defined list of reference decoder functions and/or syntax elements.

## Changes History

### Version 2.1

- New tool to generate coverage difference report
- New VP9 tool to find minimal stream length with the same level of coverage as full stream
- Parallel stream processing on multi-core machines
- Updated command-line syntax and HTML report format
- Native 64 bit binaries

## System Requirements

### Hardware

- Intel® 64 Architecture processors.

## Software

- Microsoft\* Windows\* 7, Microsoft Windows 8, Microsoft Windows 8.1, Microsoft Windows Server 2012 or Microsoft Windows Server 2012 R2 for 64-bit architecture

## Package Contents

Note: <install-folder> - folder where **Intel® Stress Bitstreams and Encoder 2016 Analytic Tools** is installed.

<install-folder>\	Contains <b>Intel® Stress Bitstreams and Encoder 2016 Analytic Tools</b> Release Notes (this file), End User License Agreement (EULA), User Guide document.
<install-folder>\hevc\	Contains tools and configuration files for HEVC streams.
<install-folder>\vp9\	Contains tools and configuration files for VP9 streams.

## Installation

- Extract files from archive to the target hard drive.

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Page 6 of 9

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