# Intel(R) Binary Configuration Tool (BCT) Release Notes

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1. OVERVIEW
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This Intel(R) Binary Configuration Tool (Intel(R) BCT) is provided as a companion tool with the Intel(R) Firmware Support Package and is intended to be
used to

- Change a list of configuration options as provided a BSF for the FSP.
- Rebase the FSP to a different Base Address.

This tool supports the BSF Specification 4.4a

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2. RELEASE INFORMATION
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This is the 3.2.0 release of the Intel(R) Binary Configuration Tool and the
release package includes

- Fedora 14 32-bit executable binary
- Fedora 14 64-bit executable binary
- Windows 7 32-bit binary (also executable on Windows 7 64-bit)
- User's Guide

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- Added support for FSP Header Rev. 1.1
- Fix issue on windows where bct needed to "Run as administrator"

Release 3.1.3
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 - Minor updates

Release 3.1.2
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 - Improved Error handling
 - BCT now searches the VPD and UPD regions of FSP binaries for the
signature
   specified by the "Find" instruction in the StructDef section
 - BCT now displays the contents of the FSP Header in the binary
description

Release 3.1.1
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 - Fixes bug that had disabled using multiple "Find" statements in the
StructDef
   section of BSF for FSP binaries. Multiple "Find" statements now
function.
 - Fixes bug that crashed BCT when trying to open a malformed BSF.
 - You can now specify an output binary with a file extension other
than .rom.

Release 3.1.0
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 - New! Improved the task of opening a BSF file. You are no longer forced
to
   click through two wizard panes just to open a file
 - New! BCT now keeps track of the last 5 files you opened in the File
pull-
   down menu. Quickly access the files you've been working on most
recently
 - New! Show the plain-text description table inside a FSP if it has one
 - New! The command-line interface is now complete. Skip the GUI
completely.
   Use the command line to generate an ABSF, rebase the load address of a
   binary, patch a binary with a BSF or ABSF with the option to relocate
at the
   same time, print a binary's load address, and print the description
table
   You can even specify what BSF you want to open in the GUI on the
command line
   See the User's Guide or run `bct -h` from the command line for more
details!
 - New! BCT now supports FSP binaries with multiple FVs
 - New! If the user patches a FSP, BCT will check the ImageRevision in
the FSP
   header and compare it to
$gPlatformFspPkgTokenSpaceGuid_PcdImageRevision in
   your BSF. Make sure it is defined in the StructDef section of your BSF
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 - New! The help pane now displays a more human-readable value for the default
   value of comboboxes
 - New! Improved the initial screen with buttons to quickly access the most
   common BCT tasks
 - New! Keyboard shortcuts for patching or rebasing
 - Removed many seldom-used or unnecessary components
 - The Windows installer now defaults to install in C:\Program Files(x86)\BCT


Release 3.0.2
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* This is the initial release for BCT

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3.  INSTALLATION INFORMATION
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Please refer the Intel(R) Binary Configuration Tool User's Guide for the
installation instructions and for help on how to use the tool.

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4. LIMITATIONS
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 - The Windows version of BCT will not print messages to the console. This only
   affects Windows users who want to run BCT from the command line and not use
   the GUI. BCT will read the command line arguments correctly and do things
   such as generate an ABSF from a BSF, patch, and rebase a binary, but it will
   not print any messages to the console. This is a limitation from the tool we
   use to generate a Windows executable.

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5. KNOWN ISSUES
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 - None