

# Lattice Radiant Software Known Issues



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## Type Conventions Used in This Document

Convention	Meaning or Use
<b>Bold</b>	Items in the user interface that you select or click. Text that you type into the user interface.
<i>&lt;Italic&gt;</i>	Variables in commands, code syntax, and path names.
<b>Ctrl+L</b>	Press the two keys at the same time.
<code>Courier</code>	Code examples. Messages, reports, and prompts from the software.
<code>...</code>	Omitted material in a line of code.
<code>.</code> <code>.</code> <code>.</code>	Omitted lines in code and report examples.
[ ]	Optional items in syntax descriptions. In bus specifications, the brackets are required.
( )	Grouped items in syntax descriptions.
{ }	Repeatable items in syntax descriptions.
	A choice between items in syntax descriptions.

# Contents

## **Lattice Radiant Software Known Issues 5**

### **Design Entry 5**

Radiant software main window stops working on Windows 10 when Dell Backup and Recovery software is installed. **5**

### **Constraints Views 6**

Floorplan View: When using the left mouse button to zoom while objects are selected, the selected objects will be lost **6**

Timing Constraint Editor: It is not possible to drag and drop objects from RTL view into the Timing Constraint Editor while in Detach mode on certain computers **6**

### **Synthesis 6**

For designs with multiple assignments to same parameter, Synplify Pro synthesis will pick up the first assignment without any warning message. Users may get unexpected results. **6**

LOC attribute does not work for locating registers for Synplify Pro synthesis **6**

### **Implementation Flow 7**

Place & Route (PAR): Some designs may encounter long run times **7**

### **Timing Analysis 7**

If there are overlapping set\_clock\_uncertainty constraints, the most constraining one will be honored by the Timing engine **7**

### **Programming 7**

Programmer software may not work properly if you open two or more Radiant software projects at the same time **7**

## **Revision History 9**

# Lattice Radiant Software Known Issues

This section lists the known issues and workarounds of the Radiant software. Descriptions include the software versions and devices affected. If you are looking for a workaround to a problem, search for related terms including the tool name or a word from an error message, or scan the Contents. If you want issues for a certain version, search for the version number. This will find issues affecting that version and issues fixed in that version of the software.

## Design Entry

### **Radiant software main window stops working on Windows 10 when Dell Backup and Recovery software is installed.**

When Dell Backup and Recovery software is installed, it conflicts with the Radiant software, and may cause it to stop working.

Versions affected: 1.0  
Devices affected: All  
Bug number: DNG-2303

Workaround: Uninstall Dell Backup and Recovery software.

## Constraints Views

**Floorplan View: When using the left mouse button to zoom while objects are selected, the selected objects will be lost**

Versions affected: 1.0

Devices affected: All

Bug number: DNG-3231

Workaround: If there are objects selected, zoom using the wheel mouse button or keys Ctrl + and Ctrl – keys.

**Timing Constraint Editor: It is not possible to drag and drop objects from RTL view into the Timing Constraint Editor while in Detach mode on certain computers**

Versions affected: 1.0

Devices affected: All

Bug number: DNG-2728

Workaround: If you run into this issue, use “Attach” mode to drag and drop objects from RTL view into the Timing Constraint Editor.

## Synthesis

**For designs with multiple assignments to same parameter, Synplify Pro synthesis will pick up the first assignment without any warning message. Users may get unexpected results.**

Versions affected: 1.0

Devices affected: All

Bug number: DNG-2077

Workaround: Remove any unused assignments and keep the ones with the expected value.

**LOC attribute does not work for locating registers for Synplify Pro synthesis**

Versions affected: 1.0

Devices affected: All

Bug number: DNG-2767

Workaround: Use “ldc\_set\_location” constraint in .pdc file to set location constraints for registers

## Implementation Flow

### **Place & Route (PAR): Some designs may encounter long run times**

Versions affected: 1.0

Devices affected: All

DNG-3007

Workaround: Turn off the Place & Route Design Strategy “Path-based Placement” option.

## Timing Analysis

### **If there are overlapping set\_clock\_uncertainty constraints, the most constraining one will be honored by the Timing engine**

Here is an example of the issue:

```
set_clock_uncertainty 1.33 -from [get_clocks myclk1] -to [get_clocks myclk2] -setup
```

```
set_clock_uncertainty 3.0 [get_clocks myclk2] -setup
```

In the case above, 3.0 will be applied as the constraint.

Versions affected: 1.0

Devices affected: All

Bug number: DNG-2761

Workaround: None. This limitation will be reviewed and addressed in future version.

## Programming

### **Programmer software may not work properly if you open two or more Radiant software projects at the same time**

When two Radiant software projects are opened at the same time with only one using the imported .xcf file, the Programmer software may not operate properly. Clicking on the Programmer icon for the first project opens the .xcf file. If you subsequently click on the programmer icon of the second project, the Programmer will close the first .xcf file and open the second. The second .xcf file will be empty and Programmer will show an error message.

Versions affected: 1.0

Devices affected: All

DNG-2915

Workaround: If you need two Radiant software projects opened at the same time, close the first Radiant software project before clicking on the programmer icon of the second project.

## Revision History

The following table gives the revision history for this document.

Date	Version	Description
02/14/2018	1.0	Initial Release.