

## ISIS - Bug #3881

### Resolve external installation issues with findfeatures and OpenCV

2016-04-01 10:12 AM - Kris Becker

<b>Status:</b> Closed <b>Priority:</b> High <b>Assignee:</b> Kris Becker <b>Category:</b> Installation <b>Target version:</b> 3.4.12 (FY16 R2 2016-03-17 Mar) <b>Impact:</b> Fixes external installation library dependency issues for OpenCV and improvements to findfeatures application that uses OpenCV.	<b>Software Version:</b>
<b>Description</b> The ISIS 3.4.12 release is the first to include OpenCV support and the <i>findfeatures</i> application that uses the API. Some external ISIS users have reported libraries not being found when running <i>findfeatures</i> . We will resolve them as we become aware of them.  <i>findfeatures</i> has one minor bug reported (looks for Target in Mapping group for Level2 mosaics, but needs to be TargetName which is needed for the generation of control network) and corrections and additions to the documentation will be made as well.	
<b>Related issues:</b> Related to ISIS - Bug #4330: New installation on Ubuntu missing libblas3gf an... <b>Resolved</b>	

#### History

##### #1 - 2016-04-01 10:13 AM - Kris Becker

- Status changed from New to Assigned
- Assignee set to Kris Becker

##### #2 - 2016-04-01 10:29 AM - Kris Becker

- Status changed from Assigned to In Progress

There are different OpenCV library dependancies on Mac 10.8 when compared with Mac 10.6.

libjack does not exist on 10.8 and will be removed from the config file but is an OpenCV dependency on 10.6

The following libraries need to be added to 10.8 for OpenCV dependencies but are not required in 10.6:

libglib-2.0  
libp11-kit  
libffi

Some dependent libraries on Linux systems (at least on Ubuntu installations) may not have some of the following libraries:

libavcodec  
libavformat  
libavutil

These libraries will be added to the Linux ISIS distributions.

Note that there will be many variations in every Linux installation that will cause these types of problems. Please report these issues as you encounter them and we will make every effort to address them in a timely manner.

Thanks...

**#3 - 2016-04-01 01:48 PM - Kris Becker**

- *Impact updated*

Update triage and add impact statement.

**#4 - 2016-09-05 02:43 PM - Kris Becker**

- *Related to Bug #4330: New installation on Ubuntu missing libblas3gf and libjpeg62 added*

**#5 - 2016-12-07 11:34 AM - Kris Becker**

- *Status changed from In Progress to Closed*