

CHIRP - Bug # 10001

Status:	New	Priority:	Normal
Author:	Nathan Kohagen	Category:	
Created:	08/23/2022	Assignee:	
Updated:	09/09/2022	Due date:	
Chirp Version:	daily		
Model affected:	(All models)		
Platform:	All		
Subject:	python3 multiple errors and warnings		
Description	<p>Chirp from the last py3 branch commit (5da559ffde25) has several warnings and errors during program start and usage.</p> <p>The errors were observed on a system running Ubuntu 22.04 with Python 3.10.4.</p> <p>I have patched all errors and warnings observed during program start - the fixes span many files for models of radio that I do not have for testing.</p> <p>Additional errors and warnings were observed and fixed while interacting with the radio Baofeng BF-F8HP.</p> <p>Other radios models will likely need additional similar fixes that can be patterned after my patch.</p> <p>My fixes are not intended to change the functional behavior of chirp.</p> <p>The below are the category of errors inferred from the fixes that I have already made sorted from most to least occurrences:</p> <ul style="list-style-type: none">- python2's print keyword must be changed to python3's print() function;- from <i>future</i> import print_function #for python2 compatibility- python2 vs python3 exception syntax; s/except Exception, e:/except Exception as e:/- python3 doesn't have xrange(), use range() ; s/xrange/range/- python3 expects explicit relative imports- python2' implicit integer division results in type mismatches and should be replaced with // operator or <i>floordiv</i>- list(range(...)) in some places because range() produces iterator- string UTF-8 encode for concatenation of string to bytes- s/string.uppercase/string.ascii_uppercase/- python3 removed Tuple Parameter Unpacking <p>This list or similar will be included in the commit message.</p>		

History

#1 - 09/09/2022 03:16 am - Nathan Kohagen

- File *chirp-py3-issue10001.patch* added

Files

chirp-py3-issue10001.patch	66.2 kB	09/09/2022	Nathan Kohagen
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