CHIRP - Feature # 7431

Status:	In Progress	**Priority:**	Normal
Author:	Dan Smith	**Category:**	
Created:	12/09/2019	**Assignee:**	Dan Smith
Updated:	12/09/2019	**Due date:**	

Chirp Version:	daily
Model affected:	(All models)
Subject:	Python3-friendly UI based on wxPython

Description

CHIRP has historically been built on pygtk, which is not available in Python3 and never will be. Python2 is deprecated and will eventually be unsupported on major platforms.

In order to facilitate a move to Python3 for the core of CHIRP, something has to be done about the UI. The pygobject libraries provide an imperfect compatibility layer, but support seems rough and stability is suspect.

This issue is to coordinate the work on a UI re-write using wxPython, which is well-supported, long-lived, and generates native widgetry on the big three major platforms.

Related issues:

related to Feature # 495: PYTHON	**Closed**	02/03/2013
related to Feature # 5461: Python 3 support	**Rejected**	12/27/2017
related to Bug # 6327: PyGTK Deprecated in Debian 10	**New**	12/27/2018
duplicated by Bug # 7859: Python2 EOL prevents installation/running Chirp	**Closed**	05/07/2020
duplicated by Bug # 7989: Support for Python 3	**Closed**	06/16/2020

Associated revisions

Revision 3287:af168439affb - 12/10/2019 03:32 am - Dan Smith

Initial wxPython-based UI

Related to #7431

Revision 3314:fe34e21e40e8 - 12/10/2019 04:10 pm - Dan Smith

[py3] Fix style issue introduced in previous fix

Related to #7431

Revision 3318:ad865b64a5ee - 02/06/2020 01:35 am - Dan Smith

[py3] Add basic developer tools to wxui

This adds "show raw" and "diff raw" functionality to memories within the
memedit module. They are in the right-click context menu, only if
developer=True in the config.

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Revision 3319:6da78f6bea88 - 02/06/2020 01:35 am - Dan Smith

[py3] Add Edit->Select All and fix cut/copy memories with extras

This makes the clipboard stuff mostly complete.

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Revision 3320:6a901ac904b9 - 02/06/2020 01:35 am - Dan Smith

[py3] Add ability to delete multiple rows in the memory editor

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History

#1 - 12/09/2019 09:26 pm - Dan Smith

- Target version set to chirp-py3