

Bug-fix and new features tasks

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- ☐ [Fernando] Kernel: Document basics
- ☐ [Fernando] Add GPIO toggle in the core class and connect to oscilloscope
- ☐ [Nikos] ~~Update new Studio from BitBucket and test new ext command Buttons~~
- ☐ [Fernando] ~~More than 4 parameters~~
- ☐ [Fernando] ~~Call external command file(s) to automate code build~~
- ☐ [Nikos] ~~Confirm An update on Studio will NOT delete Projects directory~~
- ☐ I2C and I2C-GLCD are working only with LPC1768, fail with STM32F401,L152 and nRF52 (os5) to investigate/solve
- ☐ [Fernando] ~~Investigate: Using 2 nodes of the same type, the parameters changed on one, change also in the 2nd node~~
- ☐ SimpleSerial does not work with os5
- ☐ [Nikos] Blink example for different CPUs (LPC1768, LPC11U35, STM32L152, STM32L432, nRF52832)
- ☐ [Nikos] Define/Implement a sharing method for the Blink examples
- ☐ [Fernando] feasibility review for commit, push, pull, update from inside Studio using hg from Python
- ☐ Share Projects mechanism (our server or bitbucket with a kind of automation?)
- ☐ Store nodes, no need for internet connection at Studio startup
- ☐ Internal signals as events to be used as inputs to nodes, in style: registering event for callback
- ☐ At the code templates <http://www.n-blocks.net/panel.php?p=author>, to be clear how the parameters are passed
- ☐ New automatic installation
- ☐ [Fernando] rtos: Simple examples for building a project without the graphics environment
- ☐ Define a node version management methodology, avoid braking working projects with new node versions

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