Debugging

Resources

[Short Cheatsheet](#)
[Rdbg Github](#), and the follow-up [VS Code Guide](#)
[Pry Debugger Github](#)
[Docs (most complete)](#)
[List of Command comparisons](#)

My Cheatsheet

- `break` : Manage breakpoints.
- `watch` : Set up expression shortcuts to be re-evaluated on this command
- `step` : Step execution into the next line or method. Takes an optional numeric argument to step multiple times.
- `next` : Step over to the next line within the same frame. Also takes an optional numeric argument to step multiple lines.
- `finish` : Execute until current stack frame returns.
- `continue` : Continue program execution and end the Pry session.
- `backtrace` : Shows the current stack. You can use the numbers on the left side with the frame command to navigate the stack.
- `up` : Moves the stack frame up. Takes an optional numeric argument to move multiple frames.
- `down` : Moves the stack frame down. Takes an optional numeric argument to move multiple frames.
- `frame <n>` : Moves to a specific frame. Called without arguments displays the current frame.

Break Specifics

```
break SomeClass#run          Break at the start of `SomeClass#run`.
break Foo#bar if baz?        Break at `Foo#bar` only if `baz?`.
break app/models/user.rb:15  Break at line 15 in user.rb.
break 14                     Break at line 14 in the current file.


break --condition 4 x > 2    Change condition on breakpoint #4 to 'x > 2'.
break --condition 3          Remove the condition on breakpoint #3.
```

```
break --delete 5              Delete breakpoint #5.
break --disable-all           Disable all breakpoints.


break                         List all breakpoints. (Same as `breakpoints`)
```

Setting Up Remote Rails Debugging (for VS Code) using rdgb

tl;dr: Add 'debug' to your dev section of Gemfile and bundle install.
Start your server, but preface your server command with `RUBY_DEBUG_OPEN=true`.
Setup a launch configuration in VSCode to attach with rdgb.

```json
// .vscode/launch.json
{
        "version": "0.2.0",
        "configurations": [
                {
                        "type": "rdbg",
                        "name": "Attach with rdbg",
                        "request": "attach"
                }
        ]
}
```