

# LexEVS Community Code Contribution

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## How to Contribute

We welcome community contributions to the LexEVS project. Your contributions back to this repository will allow the broader research community to benefit from your work and will allow your enhancements to be integrated with those of others. There are a few guidelines that we ask contributors to follow so that we can have a chance of keeping on top of things.

## Getting Started

Make sure you have a [Github Account](#) 

- Fork the repository on GitHub to publish any proposed changes.
- Submit a ticket for your issue at [LexEVS Tracker](#), assuming one does not already exist.
  - If need be create a [JIRA account](#).
  - Clearly describe the issue including steps to reproduce when it is a bug.
  - Make sure you fill in the earliest version that you know has the issue.

## Making Changes

Create a topic branch from where you want to base your work.

- LexEVS source code is found [on GitHub](#) 
- This is usually the master branch.
- Only target release branches if you are certain your fix must be on that branch.
- To quickly create a topic branch based on master: `git checkout -b fix/master/my_contribution master`
- Please avoid working directly on the master branch.
- Make commits of logical units.
- Please provide tests and documentation with your changes.
- Check for unnecessary whitespace with ```git diff --check``` before committing.
- Follow the [NCIP Good Practices for Commit Messages](#) 
- Start with a one-line summary followed by a blank line followed by a detailed free-form description.

## Submitting Changes

- In general, we require that the OSI-approved `BSD 3-Clause License` be applied to code contributions. In the case of LexEVS the EPL license from Eclipse is applied.
- Push your changes to a topic branch in your fork of the repository.
- Submit a pull request to the LexEVS repository in the NCIP organization.
- Update your JIRA ticket to mark that you have submitted code and are ready for it to be reviewed.

## Additional Resources

For help learning Git and Github, see the [NCIP Learning Resources](#) 

## Community Projects

- [Hack-A-Thon 2011 NCI Blue - LexEVS REST API](#)
- [LexEVS in SpringSource MVC Maven Project](#)