

# A Brief Note Before You Begin...

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First, thank you for downloading the CLARION Library, version 6.1.0.7!

It is my pleasure to present the 3<sup>rd</sup> beta release of the CLARION Library; the exciting new implementation of the CLARION cognitive architecture (a theory by Ron Sun). I hope you enjoy all of the new features, capabilities, and enhancements that have been added in this release, including:

- Entirely new redesign of the library event mechanism
  - Fixes various timing issues
  - More accurately implements the publisher/subscriber model
  - No longer need to specify `USE_GOAL_STRUCTURE` in the parameters of the `MotivationalSubsystem`
- Moved `ActivationCollection` to the `Clarion.Framework` namespace
- Renamed `Chunk.LabelAsComparable` to `Chunk.LabelAsIComparable`
- Additional samples:
  - Simple Prisoner's Dilemma
  - Serialization Demo
- Feature and extension additions/enhancements
  - `AsynchronousSimulatingEnvironment`
    - Provides a simplified template for interacting asynchronously
  - `IDefinesAgentMetaInfo` interface
    - Used to make agent-specific dimension-value pair reservations (e.g., typical drive inputs/outputs)
  - Generically typed `DimensionValuePair<DType, VType>`
    - Allows values of different types to inhabit the same dimension
    - More natural access/use (i.e., less casting)
  - Added eligibility checker customization for rules
- Framework additions/changes aimed at further simplifying your experience!
- Added IntelliSense files
- Several bug fixes...
- And **MUCH** more!

I encourage you to take a moment to peruse all of the documents that we have provided as part of this package; especially the "Getting Started" guide as well as the other tutorials in the "Tutorials" folder. Also, make sure that you read through and agree to all of the licensing terms and conditions before you start using the library.

Note that this is still a **BETA** release. With this in mind, you should be aware that some aspects of the library are incomplete at this point (especially the in-line documentation) or are still in development.

If you have any questions, want to submit a bug, or make a feature request, please feel free to email us at [clarion.support@gmail.com](mailto:clarion.support@gmail.com) or post on our message boards (at <https://sites.google.com/site/clarioncognitivearchitecture/>) and we will do our best to respond back to you as quickly as possible.

Thank you again for downloading and trying out the CLARION Library!

Sincerely,



Nicholas Wilson, Lead Developer  
The CLARION Team