

# Bard 1.0

## Main Page

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Welcome to the Bard Wiki. Here you will find documentation on the current architecture, releases, and news regarding Bard. Bard is being developed at [NC SA](#) by Shawn Hampton, Jong Sung Lee, Christopher Navarro and Nathan Tolbert.

## About Bard

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Bard is a base application that provides data management, GIS functionality, visualization tools (2D & 3D), charting and reporting that were developed as part of the [MAEviz](#) project (NCSA-GIS). Bard is intended to make available the common core components upon which domain-specific applications are built; a great example is the MAEviz project that was recently completed for the Mid America Earthquake (MAE) Center and is depicted in the diagram below. This logical separation saves time and resources that can instead be used to develop features required specifically for the project.

## Documentation

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[Overview](#)  
[Architecture](#)

## News

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## References

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Here are some of the most recent publications about MAEviz/Bard.

McLaren, T., Navarro, C., Lee, J.S., Hampton, S., Tolbert, N., Myers, J., Spencer, B.F., Elnashai, A. (2009). "Coupling Network Analysis using MAEviz Building Blocks", NEES-AM.  
McLaren, T., Navarro, C., Lee, J.S., Hampton, S., Tolbert, N., Myers, J., Spencer, B.F., Elnashai, A. (2008). "MAEviz - An Earthquake Risk Assessment System" (Demo Paper), ACM GIS Conference.

## External Links

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[Eclipse](#)  
[Geotools](#)  
[VTK](#)  
[JFreeChart](#)