

# iRise CodeGen™

## Accelerate Software Development By Turning Visualizations into Working Code

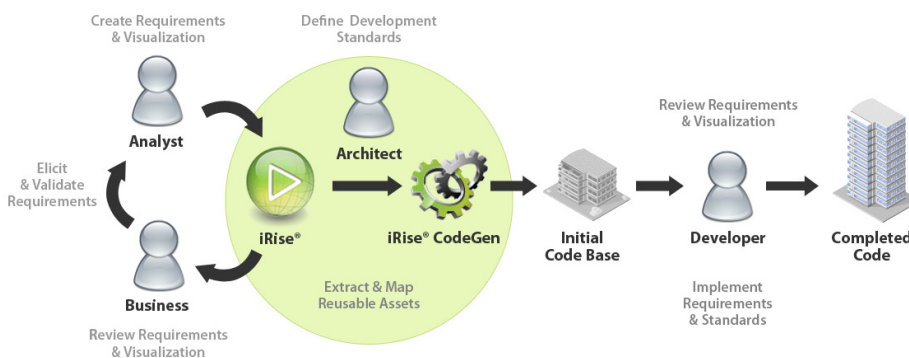
iRise CodeGen™ is a product that automatically produces working code from high fidelity visualizations, dramatically reducing application development time while at the same time improving quality. This product delivers a powerful head start to software development once a high-fidelity visualization has been assembled and validated by business stakeholders.

### THE PROBLEM

Most IT organizations are under intense pressure to speed up the delivery of business software - without sacrificing quality. Visualization has proven to be a powerful strategy to accelerate the software definition process by enabling stakeholders to 'test drive' and experience a fully immersive preview of business systems before any coding. But once a visualization is finalized, developers have to start from scratch to write the production code that exactly mimics the visualization. Even using industry-specific development frameworks and design patterns, this process can take weeks or months. What developers need is the ability to automatically generate a baseline of code directly from the visualization in order to jump start the development process.

### THE SOLUTION

iRise CodeGen™ automatically produces working code from high fidelity visualizations, dramatically reducing application development time while at the same time improving quality. iRise CodeGen™ reduces the overhead associated with building software comprised of many frameworks and design patterns by generating these layers automatically from an iRise visualization.



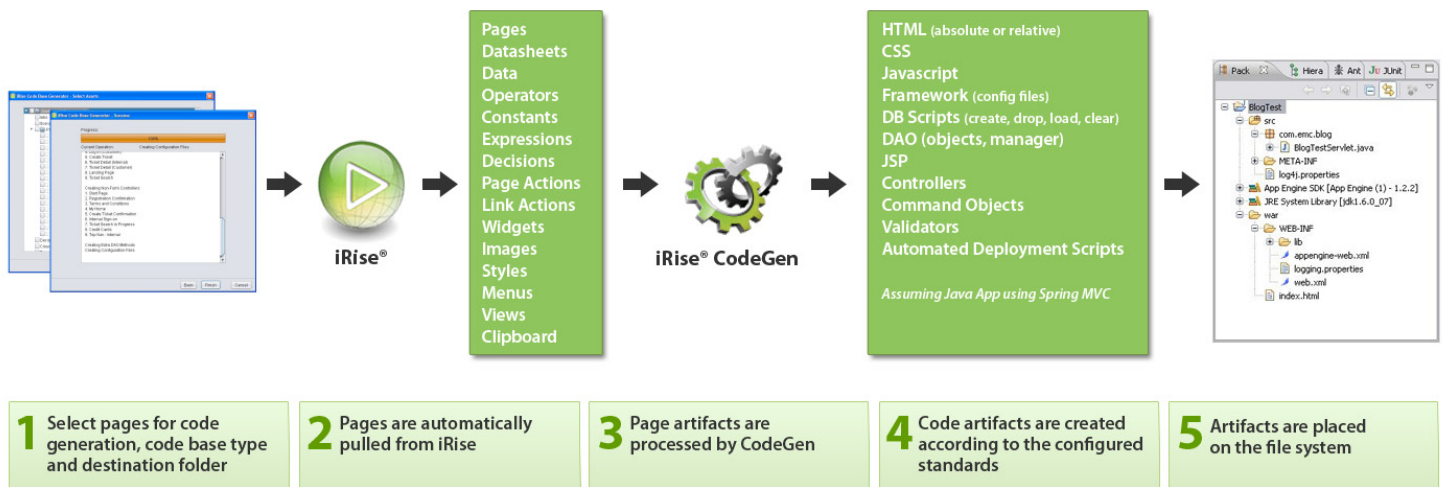
*Once an iRise visualization is finalized and validated by business stakeholders, iRise CodeGen™ delivers working code enabling a more efficient and productive development cycle, reducing time to market.*

- **Dramatically Accelerate Delivery**  
Automatic code base generation can shave weeks or months off delivery time
- **Cut Cost**  
Shorter development cycles can save 20%-40% of project cost
- **Reduce Defects**  
The generated user-interface matches the high-fidelity visualization
- **Customizable**  
iRise CodeGen™ can be modified as desired to fit the specific needs of any development organization
- **Enforce Standards**  
Technical standards are built into the generated code base
- **Increase Productivity**  
Developers spend more time on implementing functionality and less time coding frameworks

Out-of-the box, iRise CodeGen™ will take an iRise visualization and generate a code base in either Java or .NET employing “best-of-breed” frameworks and design patterns. The presentation layer will be generated according to the user interface within the visualization. Code to process user interactions will be generated in the appropriate middle tiers based on the interactions within the visualization. Database structures and the relevant data access layers will be generated based on datasheets and values. Once the code is generated, developers can fill in the remaining functionality and integrate with the other pieces of the application.

iRise CodeGen™ does not remove the need for developers and it does not produce 100% complete code. However, the savings associated with generating a code base for the user interface portions of an application can be significant, often saving weeks or even months of time.

## Automatically generate an initial code base from an iRise visualization



## ENTERPRISE VISUALIZATION – ACCELERATE BUSINESS TRANSFORMATION

Enterprise visualization software from iRise gives business and IT leaders a powerful way to visualize and experience business transformation. Forward thinking organizations use iRise to visualize the future of their business systems at light speed, accelerating time to revenue with lower cost and improved quality.

iRise is the only enterprise grade, real-time collaborative software definition platform available today. With iRise, key stakeholders can “test drive” and experience mission-critical business systems early in the definition process to eliminate confusion and ensure that the right system gets built – the first time. Best of all, visualizations are assembled in hours, without any coding – speeding up the definition process by ten times over previous methods. With thousands of projects completed successfully, leveraging enterprise visualization has proven to be indispensable for businesses in highly competitive markets:

- Get to market twice as fast
- Eliminate 30% of project cost
- Ensure the success of global sourcing strategies
- Dramatically improve quality and customer experience