



SQL-Hero™

Feature Fact Sheet

Visit us and download a Beta version of SQL-Hero at:

<http://www.codexframework.com/SQLHero/Downloads.aspx>

Q: What databases are supported?

A: SQL 2000, 2005 and 2008 (including Express) are supported currently, with planned support for SQL Mobile, MySQL and Oracle.

Q: What if I don't want to use SQL-Hero as a SQL Editor, or some of its other features?

A: Consider it a tool-box: use what features you want. Specific fact sheets have been created that focus on a few features that are likely to be of strongest interest. Also with three different editions are available, you can pick and choose features to a degree (and pay for what you plan to use!). And finally, some features are "editor agnostic" – for example the change notification engine can operate in a fairly stand-alone manner.

Q: What sets SQL-Hero apart from competitors?

A: The total cost of ownership can be much less, with many of the same features – and in many cases, more. It's a tool that's been used by real developers in real situations, with real feedback taken into account. In some cases it can even be complementary to existing tools.

Q: What's a good way to get up-to-speed?

A: Visit the SQL-Hero web site at www.codexframework.com/sqlhero and watch videos, read about features, and download the product for a 60 day evaluation period.

Contact:
admin@codexframework.com

SQL-Hero™ is a multi-function tool that supports SQL Server development. Truth is, it can also support general enterprise application development through its code generation and template features.

It can be deployed in stand-alone situations but shines especially when using different topologies that include a *central repository*. The repository tracks information such as schema changes encountered in *any* number of databases and user-defined properties that can be attached to both schema and non-schema objects.

Editor

- SQL Auto-completion technology (similar to Microsoft's IntelliSense)
- Optionally force developers to enter comments when objects are changed
- Locate objects more easily than SSMS
- Advanced object filters - simplify your view of databases, focus on objects of interest
- Run templates - generate SQL or any other textual output - over 80 are provided
- Rich template scripting language: over 100 keywords and numerous *iterator types*
- Sandbox database support with source control for developers who use the SQL-Hero Editor
- Strongly-typed user-defined properties can be set on a wide range of object types

Code Generator

- Integrates with popular source control tools - can create multiple generated elements in a session
- Templates are included for building enterprise applications and they can be customized
- Command-line tools support continuous integration
- The CodeX .NET application framework is provided, including tried and tested templates to generate business objects and even complete screens using strictly SQL elements and meta-data

History / Notification

- History of all object versions in the *physical* database
- DDL triggers – graphically configured to track and optionally deny changes
- Search screen for history, or be actively advised of changes via e-mail or application alert
- Configurable alerts that can be disseminated to your team when objects are changed, the code generator is run, or unit tests fail

Unit / Performance Testing

- Run tests on schema objects, looking for problems with objects: that no longer function, that don't meet performance targets, or don't return expected results
- Auto-generate test parameters for existing procedures or define your own
- Collect trace results to produce trend reports
- Report on objects that are not covered by tests or not used (based on tracing results)

Data / Schema Compare

- Options such as "less restrictive matching" look for differences in content, not in name (such as for FK)
- Can manually mark objects to ignore until "next change"
- Replication-friendly scripts
- Lists are easily exported

Tracing

- Commands are parsed into stored procedure names to make reporting easier
- Ten different analysis "reports" are available, including a detailed deadlock report
- Alerts can be set up when certain conditions are encountered as the trace is being run

Monitoring

- Grid regularly updated with process activity, including numerous formatting options
- Alerts can be set up based on detected SQL activity such as blocking

More details can be found at: <http://www.codexframework.com/SQLHero/Features.aspx>



