

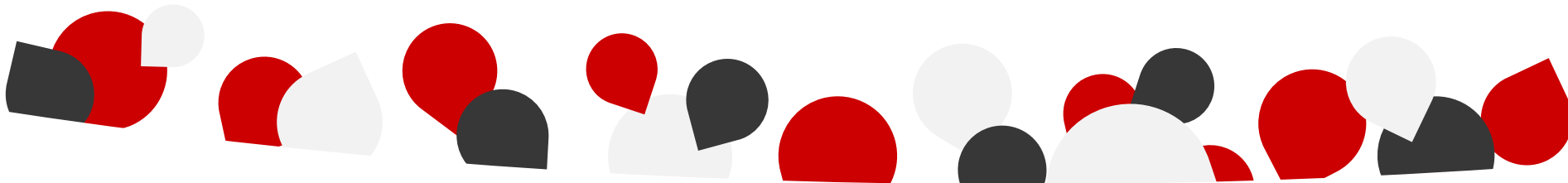


SQL in the City *Streamed*



# Latest SQL Compare features and support for SQL Server 2017

Steve Jones and Tugberk Ugurlu





# Steve Jones

Evangelist, Redgate Software  
Editor, SQLServerCentral

**26 years SQL Server data experience**

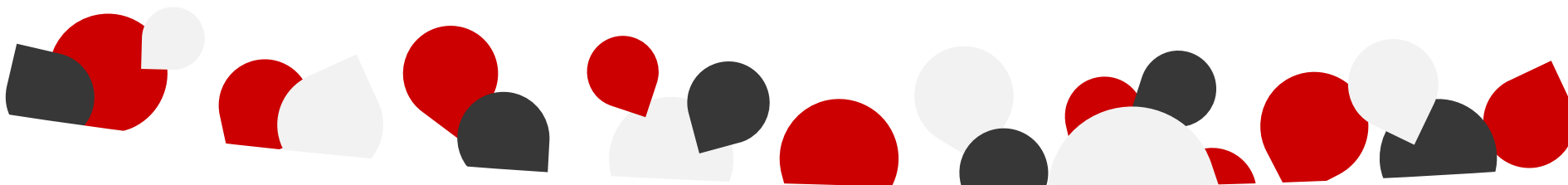
DBA, developer, manager, writer, speaker in a variety of companies and industries

**Founder, SQLServerCentral**

And current editor, with the goal of helping you learn to be a better data professional every day

**10 years Microsoft Data Platform MVP**

I have been honored to be recognized by Microsoft for the last decade as an MVP





# Tugberk Ugurlu

Technical Lead at Redgate Software

## 5 years Microsoft MVP

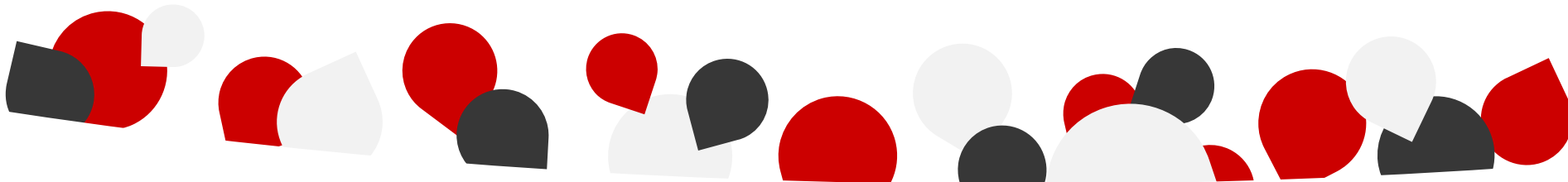
Visual Studio and Development Technologies

## Leading the SQL Compare development team

From technical architecture to product direction

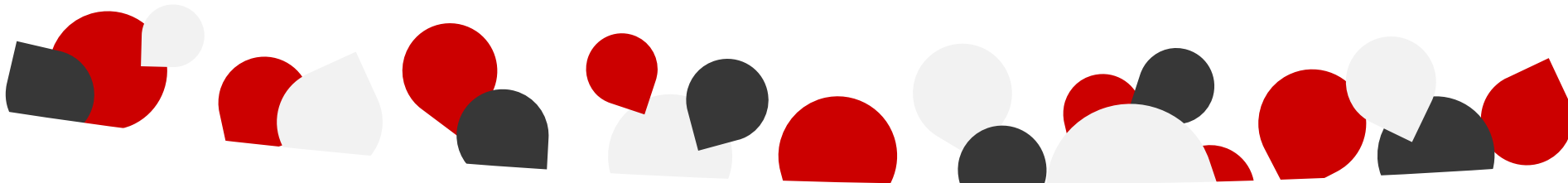
## Active member in the community

I have been sharing my knowledge with others through my blog, webcasts, authoring books and giving talks on various topics



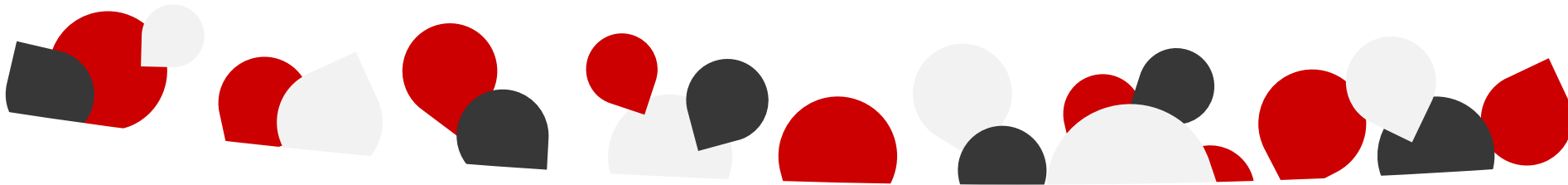
# Agenda

- What's new in SQL Compare 13
- SQL 2017 support across the Redgate products
- Discover the impact of your database deployments



# SQL Compare 13 Improvements

- Full support for SQL Graph
- Improved temporal tables support with new history retention policies
- Supports Azure Active Directory authentication with integrated and password authentication methods
- Save time by securely saving your login details for databases and servers



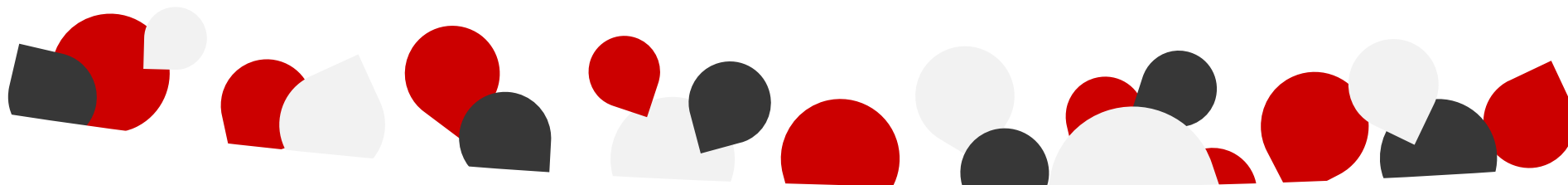
# Improved Summary view of detailed differences

The new Summary provides a more concise view of two objects by getting rid of the SQL and showing only the semantic differences between them

SQL view | Summary view | dbo.customers → dbo.customers

We'd love to know what you think of the Summary view. [Suggest an improvement.](#)

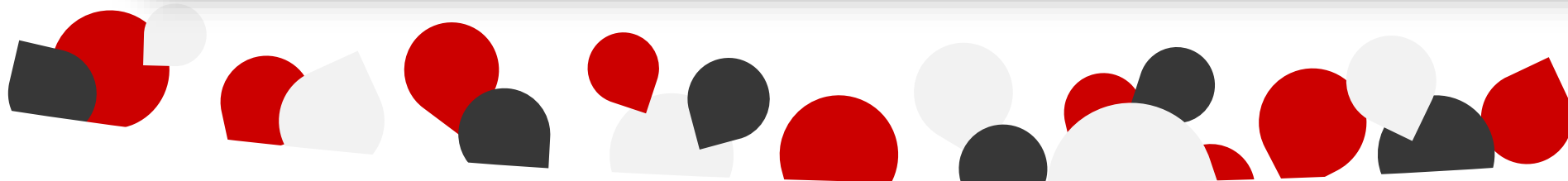
Object	Property	Value
Left Object	Column	DateOfBirth
	Column	DateJoined Allow NULLs: False
	Index	PK_customer_3214EC07AB49EB31
Right Object	Column	DateJoined Allow NULLs: True
	Index	PK_customer_3214EC2751D34598



# Improved ordering of columns

We have made it easier to see why two tables are different by displaying the columns in a logical order

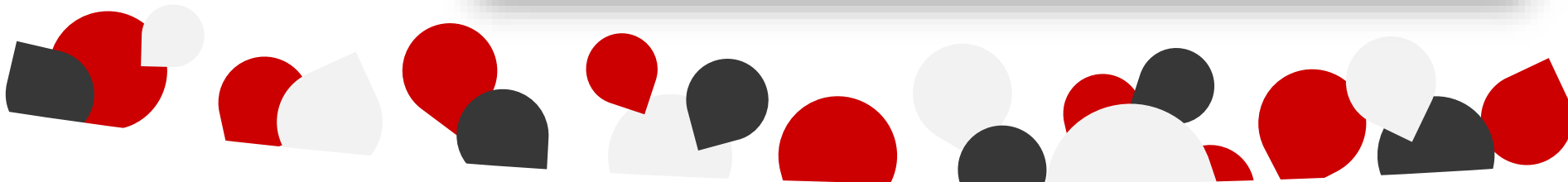
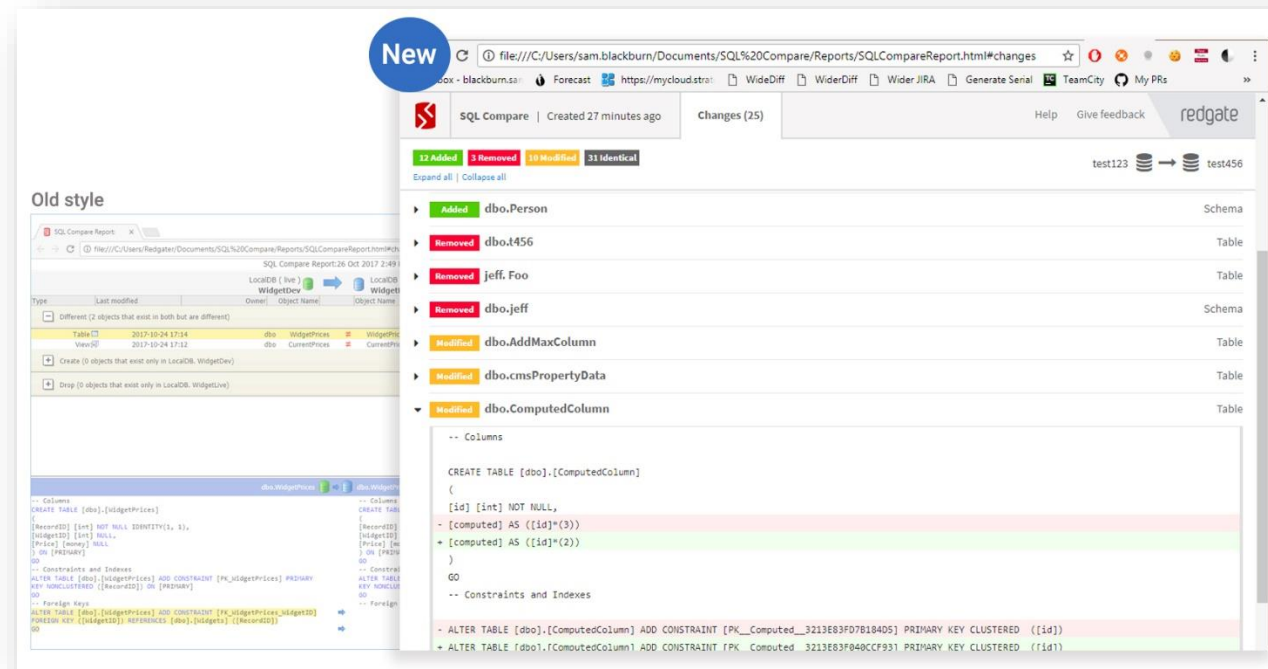
```
-- Columns
CREATE TABLE [Sales].[Invoicelines]
{
InvoiceLineID [int] NOT NULL CONSTRAINT [DF_Sales_Invoicelines_InvoiceLineID] DEFAULT (NEXT VALUE
InvoiceID [int] NOT NULL,
StockItemID [int] NOT NULL,
PackageTypeID [int] NOT NULL,
Quantity [int] NOT NULL,
UnitPrice [decimal] (18, 2) NULL,
TaxRate [decimal] (18, 3) NOT NULL,
TaxAmount [decimal] (18, 2) NOT NULL,
LineProfit [decimal] (18, 2) NOT NULL,
ExtendedPrice [decimal] (18, 2) NOT NULL,
Description [nvarchar] (100) COLLATE Latin1_General_100_CI_AS NOT NULL,
LastEditedBy [int] NOT NULL,
LastEditedWhen [datetime2] NOT NULL CONSTRAINT [DF_Sales_Invoicelines_LastEditedWhen] DEFAULT (sys
GO
-- Constraints and Indexes
```





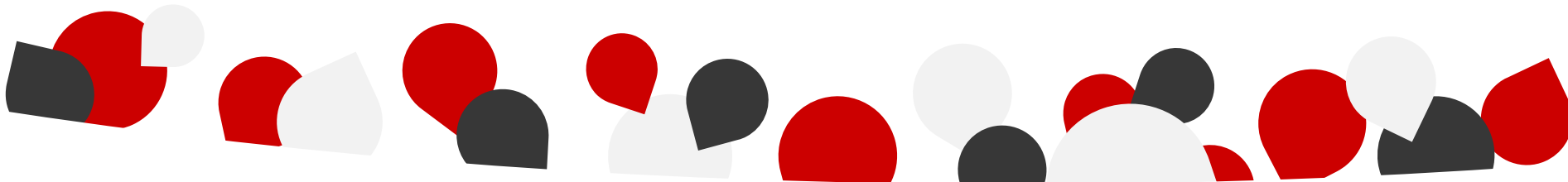
# Improved HTML comparison reports

The modern look and feel of the reports makes reviewing differences faster and easier



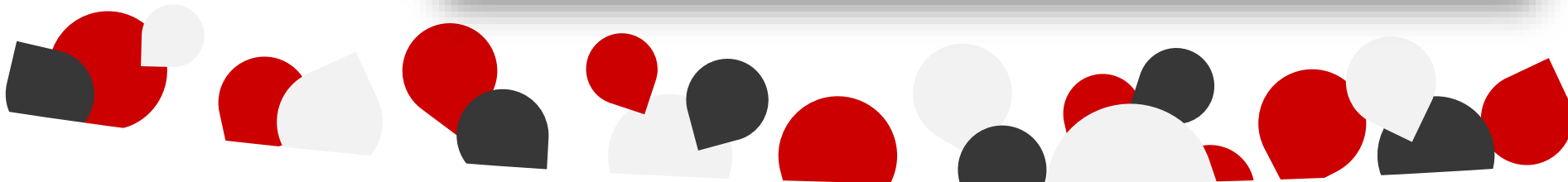
# SQL 2017 support across other Redgate products

- **SQL Source Control** offers full support for SQL Graph
- **SQL Prompt** supports the new syntax introduced in SQL Server 2017
- **SQL Search**, **SQL Data Generator**, **SQL Doc**, and **SQL Test** have also been upgraded to support SQL Server 2017



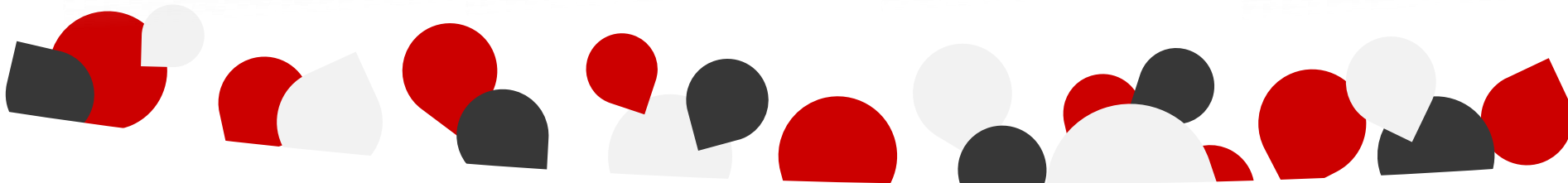
# SQL Monitor Integration

See exactly when a database deployment is made with SQL Compare and how it affects the performance of your SQL Servers



# Continue your learning on the Redgate Hub

[www.red-gate.com/hub/product-learning/sql-compare](http://www.red-gate.com/hub/product-learning/sql-compare)



# Thank you!



Try SQL Compare today!

[www.red-gate.com/sqlcompare](http://www.red-gate.com/sqlcompare)

[redgate.uservoice.com](http://redgate.uservoice.com) or follow @Redgate #sqlcompare