

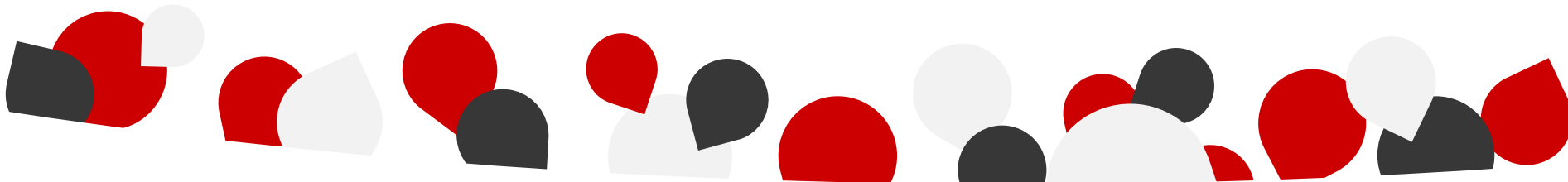


SQL in the City *Streamed*



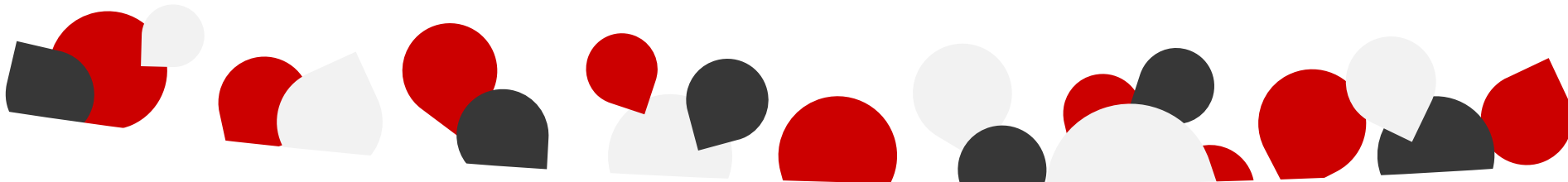
Keeping Your SQL Objects Safe In Development

Mickey Stuewe
Microsoft Geek
Red Gate Nerd
Sr. Database Developer



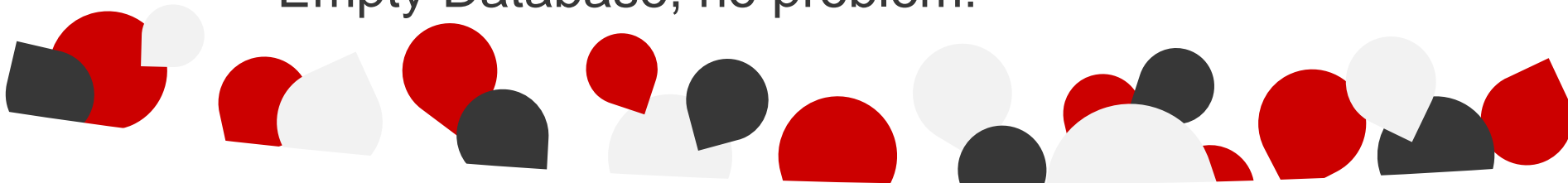
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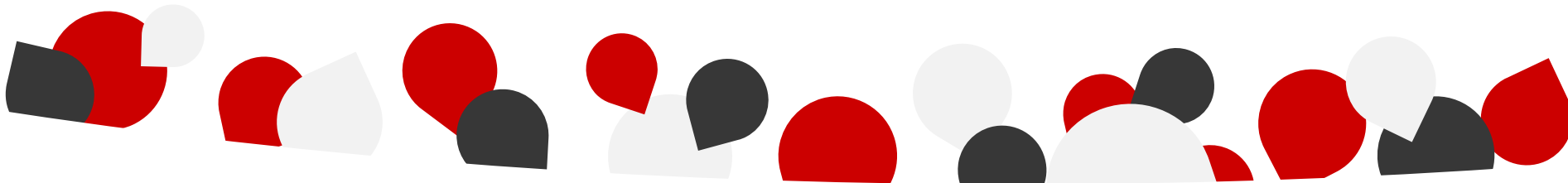
Objectives

- Benefits of versioning SQL Objects
- Demos
 - Connecting to an existing version control system
 - Configurations and SQL object filters
 - Checking SQL Objects in and out with comments
 - Data can be checked in too!
 - Migration scripts
 - Empty Database, no problem!



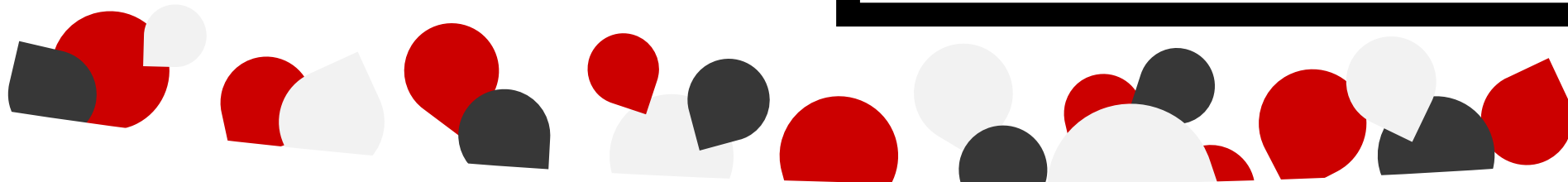
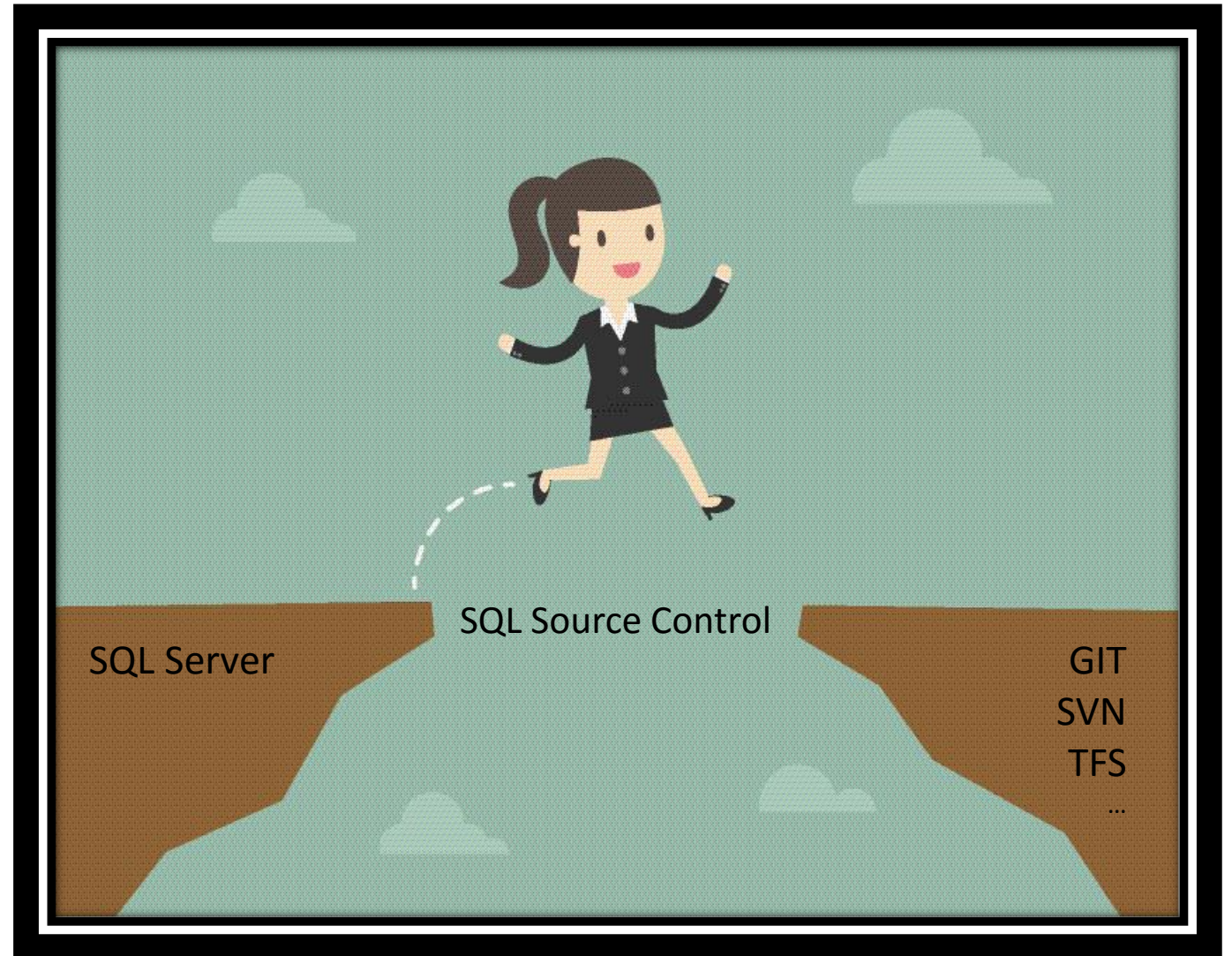
Benefits

- Backup copies of your SQL Objects
- The ability to revert to a previous point in time.
- Know exactly which objects have changed since last check-in.
- Compare conflicts to determine which should be committed.
- Audit history



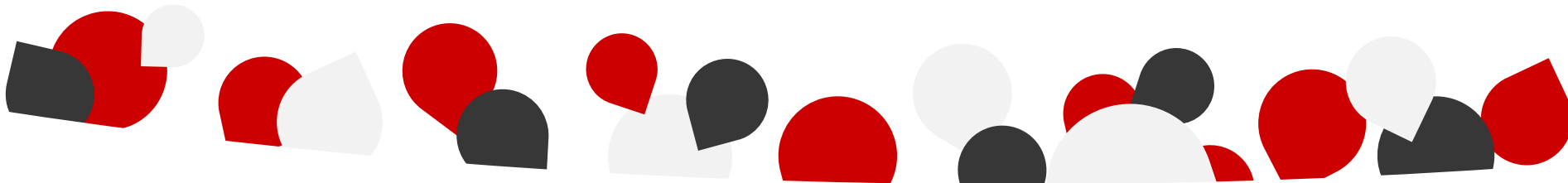
What is SQL Source Control?

(Not a Repository)




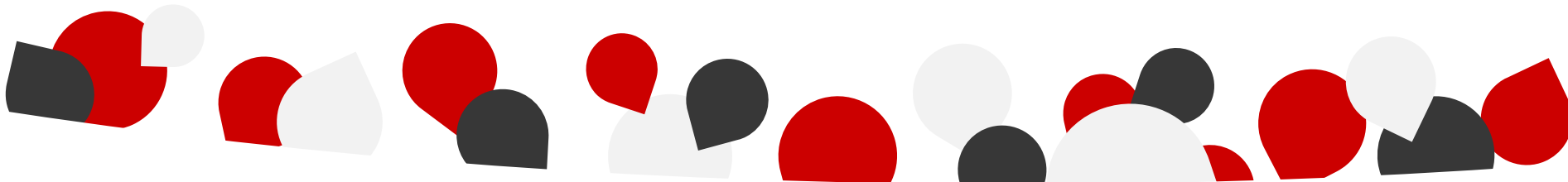
SQL Source Control Benefits

- Connect to all version control systems **GIT now supported**
- Able to version data
- Ability to check in custom scripts to handle complicated changes (Migration Scripts)
- Rollback changes that haven't been committed
- Merge lines of code
- Participate in continuous integration

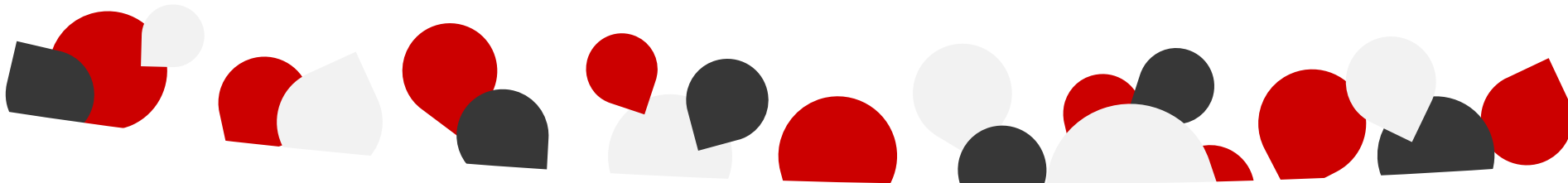


SQL Source Control Benefits

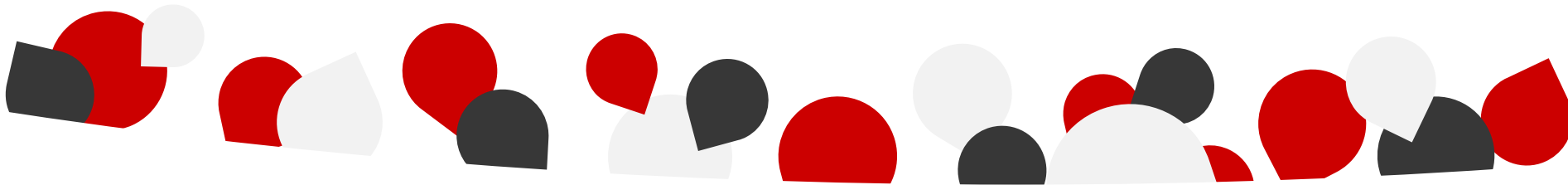
- GIT now supported 
- Tie check-ins to work items in TFS, SVN, and GIT ([Documentation](#))
- Work directly in Visual Studio if you prefer
- Filter out objects that should not be versioned (Love this!!)
- Filter out aspects of SQL Syntax (Love this more!!)



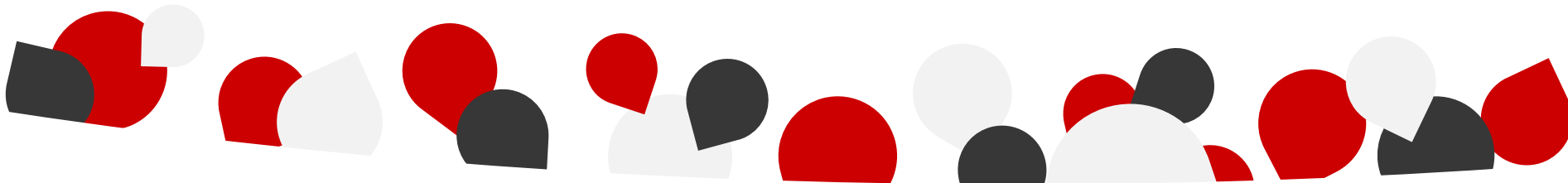
Connecting To An Existing Version Control System



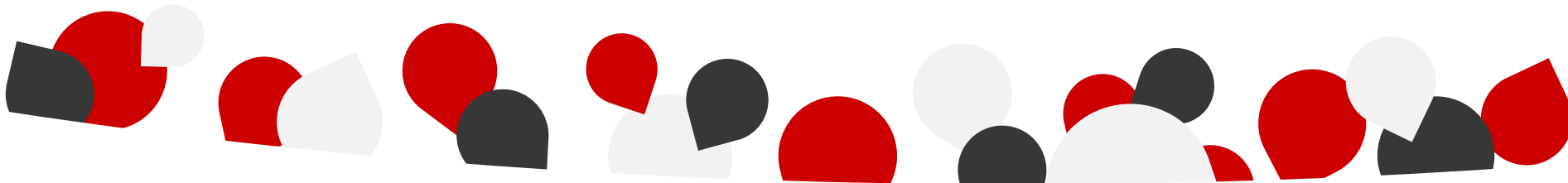
Configurations and SQL Object Filters



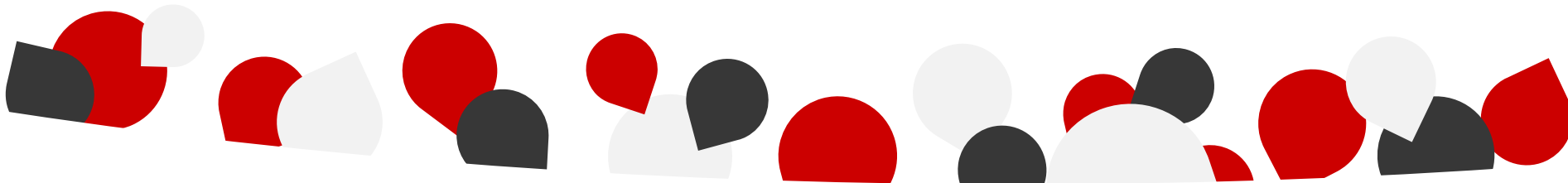
Checking SQL Objects In And Out With Comments



Data Can Be Checked In Too!

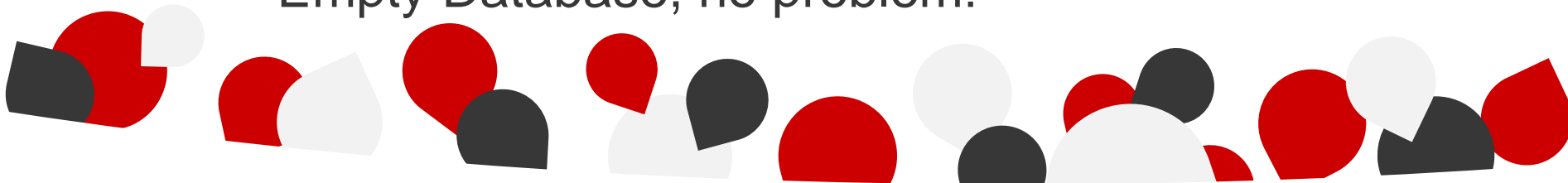


Empty Database, No Problem!



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But WAIT
There's more...
Fun Stuff

Super Secret Stuff

Presentation

www.MickeyStuewe.com/Resources

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Get Involved

Join a Local User Group

