Static data

To source-control data in SQL Source Control, you first link it to source control, then commit it. Linking associates a table's data with source control so subsequent data changes are detected and static data can be shared across the team.

Linking to static data affects performance

Committing and getting the latest version of data can be slow. We recommend you only source-control static data (also known as lookup or reference data). Source-controlling very large static data tables might cause SQL Source Control to time out.

If static data is slowing down performance, you can disable checks for changes to static data on the Setup tab under Options just for this database.

To source-control data:

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- 1. In the Object Explorer, right-click the database or table with data you want to source control and select Other SQL Source Control tasks > Link or unlink static data.
- 2. A dialog box opens with the Link/unlink static data tab selected:

_	Table	Comparison Key	Owner
7	AWBuildVersion	PK_AWBuildVersion_SystemInformationID	dbo
3	DatabaseLog	PK_DatabaseLog_DatabaseLogID	doo
1	ErrorLog	PK_ErrorLog_ErrorLogID	doo
1	WidgetPrices	PK_WidgetPrices	doo
1	WidgetRef	add a PK before source controlling table	dbo
3	Widgets	PK_Widgets	dbo
/	Department	PK_Department_DepartmentID	HumanResources
1	Employee	PK_Employee_EmployeeID	HumanResources
1	EmployeeAddress	PK_EmployeeAddress_EmployeeID_Addre	HumanResources
3	EmployeeDepartmentHistory	PK_EmployeeDepartmentHistory_Employe	HumanResources
1	EmployeePayHistory	PK_EmployeePayHistory_EmployeeID_Rat	HumanResources
1	JobCandidate	PK_JobCandidate_JobCandidateID	HumanResources
/	Shift	PK_Shift_ShiftID	HumanResources
3	Address	PK_Address_AddressID	Person

The dialog box shows a list of the tables in the database.

You can only source-control data in tables with a valid primary key. The primary key is used as the comparison key to identify corresponding rows.

3. Select the tables you want to link and click Save and close.

SQL Source Control creates a file for the table's data, but the data itself hasn't been committed yet.

4. On the Commit Changes tab, make sure all Data Link changes are selected, type a comment (optional), and click Commit.

SQL Source Co	ntrol						• ×
Commit Chang	es 🥥 Get Lates	st Setup	Provide Feedback	н	elp •	redga	te
				Ad	ventur	eWork	5 🚺
Comment to add o	n commit					Commit	2
Change Type /	3 of 3 object	ts with changes to cor	nmit	Тур	e	Owner	
🔒 Data Link	ContactType	(DATA)		0	Static Data	Person	
🔒 Data Link	V Department	(DATA)			Static Data	HumanRes	ources
🔒 Data Link	Shift (DATA)				Static Data	HumanRes	sources

The data is committed to source control.