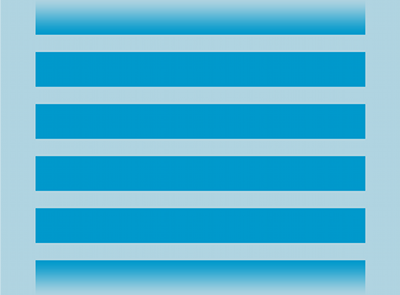
**List View**

[ListView](file:///E:\\android\\adt-bundle-windows-x86-20131030\\sdk\\docs\\reference\\android\\widget\\ListView.html) is a view group that displays a list of scrollable items. The list items are automatically inserted to the list using an [Adapter](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\widget\Adapter.html) that pulls content from a source such as an array or database query and converts each item result into a view that's placed into the list.

For an introduction to how you can dynamically insert views using an adapter, read [Building Layouts with an Adapter](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\guide\topics\ui\declaring-layout.html#AdapterViews).



## Using a Loader

Using a [CursorLoader](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\support\v4\content\CursorLoader.html) is the standard way to query a [Cursor](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\database\Cursor.html) as an asynchronous（异步的） task in order to avoid blocking your app's main thread with the query. When the [CursorLoader](file:///E:\\android\\adt-bundle-windows-x86-20131030\\sdk\\docs\\reference\\android\\support\\v4\\content\\CursorLoader.html) receives the [Cursor](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\database\Cursor.html) result, the[LoaderCallbacks](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\support\v4\app\LoaderManager.LoaderCallbacks.html) receives a callback to [onLoadFinished()](file:///E:\\android\\adt-bundle-windows-x86-20131030\\sdk\\docs\\reference\\android\\support\\v4\\app\\LoaderManager.LoaderCallbacks.html" \l "onLoadFinished(android.support.v4.content.Loader<D>, D)), which is where you update your [Adapter](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\widget\Adapter.html) with the new [Cursor](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\database\Cursor.html) and the list view then displays the results.

Although the [CursorLoader](file:///E:\\android\\adt-bundle-windows-x86-20131030\\sdk\\docs\\reference\\android\\support\\v4\\content\\CursorLoader.html) APIs were first introduced in Android 3.0 (API level 11), they are also available in the [Support Library](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\tools\support-library\index.html) so that your app may use them while supporting devices running Android 1.6 or higher.

For more information about using a [Loader](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\reference\android\support\v4\content\Loader.html) to asynchronously load data, see the [Loaders](file:///E:\android\adt-bundle-windows-x86-20131030\sdk\docs\guide\components\loaders.html) guide.