UI相关 API

android.view.LayoutInflater

```
@SystemService(Context.LAYOUT_INFLATER_SERVICE)
public abstract class LayoutInflater

public static LayoutInflater from(Context context)

    public static LayoutInflater from(Context context) {
        LayoutInflater LayoutInflater = (LayoutInflater) context
                .getSystemService(Context.LAYOUT_INFLATER_SERVICE);

        if (LayoutInflater == null) {
            throw new AssertionError("LayoutInflater not found.");
        }
        return LayoutInflater;
    }

public View inflate(@LayoutRes int resource, @Nullable ViewGroup root)
```

AdapterView及其子类相关 API

android.widget.AdapterView

```
public abstract class AdapterView<T extends Adapter> extends ViewGroup

public abstract T getAdapter();

public abstract void setAdapter(T adapter);

public void setOnItemClickListener(OnItemClickListener listener)

public void setOnItemLongClickListener(OnItemLongClickListener listener)

public void setOnItemSelectedListener(@Nullable OnItemSelectedListener listener)
```

android.widget.AbsListView

```
public abstract class AbsListView extends AdapterView<ListAdapter> implements
    TextWatcher,
    ViewTreeObserver.OnGlobalLayoutListener,
    Filter.FilterListener,
    ViewTreeObserver.OnTouchModeChangeListener,
    RemoteViewsAdapter.RemoteAdapterConnectionCallback

public void setSelector(@DrawableRes int resID)

public void setSelector(Drawable sel)
```

android.widget.ListView

```
public class ListView extends AbsListView

public void setDivider(@Nullable Drawable divider)

public void setDividerHeight(int height)
```

android.widget.GridView

```
public class GridView extends AbsListView

public static final int NO_STRETCH = 0;
public static final int STRETCH_SPACING = 1;
public static final int STRETCH_COLUMN_WIDTH = 2;
public static final int STRETCH_SPACING_UNIFORM = 3;

public void setNumColumns(int numColumns)
public void setColumnWidth(int columnWidth)

public void setGravity(int gravity)

public void setHorizontalSpacing(int horizontalSpacing)
public void setVerticalSpacing(int verticalSpacing)

public void setStretchMode(@StretchMode int stretchMode)
```

android.widget.ExpandableListView

```
public class ExpandableListView extends ListView

public void setOnGroupCollapseListener(
        OnGroupCollapseListener onGroupCollapseListener)

public void setOnGroupExpandListener(
        OnGroupExpandListener onGroupExpandListener)

public void setOnGroupClickListener(OnGroupClickListener onGroupClickListener)

public void setOnChildClickListener(OnChildClickListener onChildClickListener)

public boolean collapseGroup(int groupPos)

public boolean expandGroup(int groupPos)
public boolean expandGroup(int groupPos, boolean animate)

public void setAdapter(ExpandableListAdapter adapter)
```

android.widget.Adapter

```
void registerDataSetObserver(DataSetObserver observer);
void unregisterDataSetObserver(DataSetObserver observer);

boolean isEmpty();

int getCount();
Object getItem(int position);
long getItemId(int position);
View getView(int position, View convertView, ViewGroup parent);
```

android.widget.ListAdapter

```
public interface ListAdapter extends Adapter

public boolean areAllItemsEnabled();

boolean isEnabled(int position);
```

android.widget.SpinnerAdapter

```
public interface SpinnerAdapter extends Adapter

public View getDropDownView(int position, View convertView, ViewGroup parent);
```

android.widget.BaseAdapter

```
public abstract class BaseAdapter implements ListAdapter, SpinnerAdapter
```

android.widget.ArrayAdapter

```
public class ArrayAdapter<T> extends BaseAdapter implements
    Filterable, ThemedSpinnerAdapter
```

android.widget.SimpleAdapter

```
public class SimpleAdapter extends BaseAdapter implements
    Filterable, ThemedSpinnerAdapter

public void setViewBinder(ViewBinder viewBinder)

public static interface ViewBinder {...}
```

android.widget.SimpleAdapter.ViewBinder

```
boolean setViewValue(View view, Object data, String textRepresentation);
```

android.app.ListActivity

```
public class ListActivity extends Activity

public void setListAdapter(ListAdapter adapter)

public ListView getListView()
```

android.widget.ExpandableListAdapter

```
public interface ExpandableListAdapter

void registerDataSetObserver(DataSetObserver observer);
void unregisterDataSetObserver(DataSetObserver observer);

int getGroupCount();

int getChildrenCount(int groupPosition);

Object getGroup(int groupPosition);

Object getChild(int groupPosition, int childPosition);

long getGroupId(int groupPosition);

long getChildId(int groupPosition, int childPosition);

boolean hasStableIds();
```

```
View getGroupView(int groupPosition, boolean isExpanded, View convertView,
        ViewGroup parent);

View getChildView(int groupPosition, int childPosition, boolean isLastChild,
        View convertView, ViewGroup parent);

boolean isChildSelectable(int groupPosition, int childPosition);

boolean areAllItemsEnabled();

boolean isEmpty();

void onGroupExpanded(int groupPosition);

void onGroupCollapsed(int groupPosition);

long getCombinedChildId(long groupId, long childId);

long getCombinedGroupId(long groupId);
```

android.widget.BaseExpandableListAdapter

```
public abstract class BaseExpandableListAdapter implements ExpandableListAdapter,
    HeterogeneousExpandableList
```

android.widget.SimpleExpandableListAdapter

```
public class SimpleExpandableListAdapter extends BaseExpandableListAdapter
```