

# Android Scripting Environment

- <http://code.google.com/p/android-scripting/>

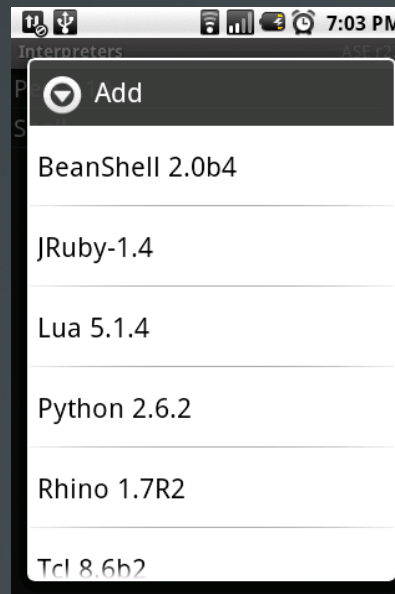
A quick and easy way to write useful little apps.



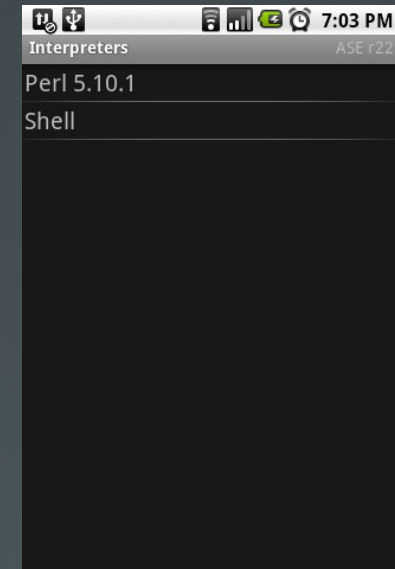
# ASE



Installed and runs like a typical app.



Many interpreters available. Once selected the source is downloaded and installed.



Now your phone can run scripts written in Perl.



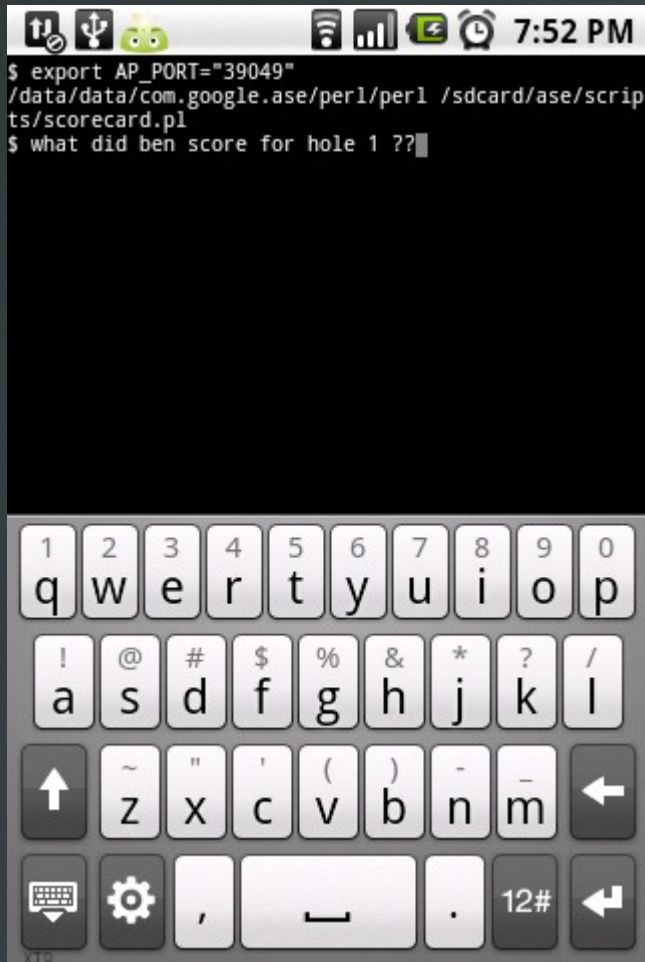
# Score Card

A quick perl script that takes minutes to come up with...

```
@players = qw/ben bri chaz graham pat sterlz will ali/;
foreach $hole ( 1 .. 18 ) {
    foreach $player ( @players ) {
        print "what did $player score for hole $hole ??";
        $score = <STDIN>;
        $finalscores{$player} += $score;
    }
}
print $_ . "'s score was $finalscores{$_} \n" foreach ( keys %finalscores );
```



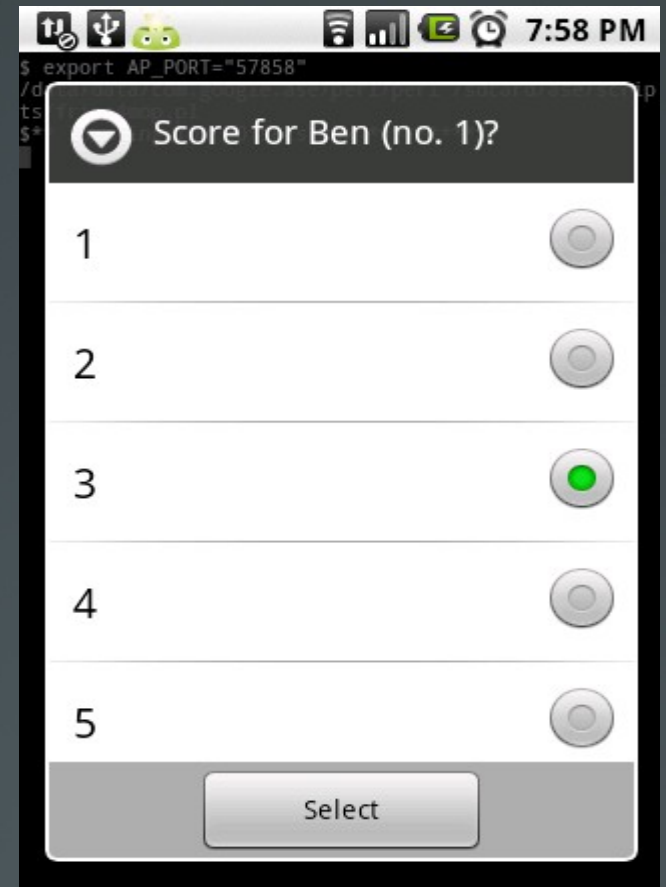
# CLI to tiny??



No problem, just...

use Android;

.. and get this



# Android.pm

```
use Android;

$droid = Android->new();

$droid->dialogCreateAlert("what did $player score for hole $hole ??" );
$droid->dialogSetSingleChoiceItems( \@pos_shots );
$droid->dialogSetPositiveButtonText('Select');
$droid->dialogShow();

$response = $droid->dialogGetResponse()->{'result'};
$selection = $droid->dialogGetSelectedItems();

($shot_numb) = @pos_shots[ @{ $selection->{result} } ];
```



# ....more...

Use stuff from CPAN  
to send score card to  
remote server

```
use IO::Socket::INET;
```

More features made available via `Android.pm`

```
$droid->getClipboard()->{'result'};  
$droid->setClipboard($previous);  
$droid->startLocating();  
$droid->startSensing();  
$droid->speak('Hello, Perl!');  
$droid->startTrackingPhoneState();  
$droid->toggleRingerSilentMode();  
$droid->getRingerVolume();  
$droid->setRingerVolume( $get_result->{'result'} );  
$droid->getLastKnownLocation();  
$droid->toggleWifiState();  
$droid->makeToast('Hello, Perl!');  
$droid->vibrate();  
$droid->notify('Hello, Perl!');  
$droid->getRunningPackages();
```

