

Permissions



Gestion des permissions

- Demandées “à la volée” depuis Android M
- Les permissions “dangereuses” doivent être demandées à chaque fois
- On recommande d’expliquer la raison avant (et après un refus)
- Ajouter dans le manifest:

```
<uses-permission android:name="android.permission.CAMERA" />
```

- Vérifier si la permission a été donnée
- La demander sinon (éventuellement demander à devenir app par défaut)
- Exécuter l’action ou expliquer pourquoi elle est impossible en cas de refus

```

if (ContextCompat.checkSelfPermission(thisActivity, Manifest.permission.READ_CONTACTS)
    != PackageManager.PERMISSION_GRANTED) {
    // Permission is not granted -> Should we show an explanation?
    if (ActivityCompat.shouldShowRequestPermissionRationale(thisActivity,
Manifest.permission.READ_CONTACTS)) {
        // Show an explanation to the user *asynchronously* -- don't block
        // this thread waiting for the user's response! After the user
        // sees the explanation, try again to request the permission.
    } else {
        // No explanation needed, we can request the permission.
        ActivityCompat.requestPermissions(thisActivity,
arrayOf(Manifest.permission.READ_CONTACTS), MY_PERMISSIONS_REQUEST_READ_CONTACTS)
        // MY_PERMISSIONS_REQUEST_READ_CONTACTS is an
        // app-defined int constant. The callback method gets the
        // result of the request.
    }
} else { // Permission has already been granted }

```

```

override fun onRequestPermissionsResult(requestCode: Int, permissions: Array<String>,
grantResults: IntArray) {
    when (requestCode) {
        MY_PERMISSIONS_REQUEST_READ_CONTACTS -> {
            // If request is cancelled, the result arrays are empty.
            if ((grantResults.isNotEmpty() && grantResults[0] ==
PackageManager.PERMISSION_GRANTED)) {
                // Granted: Do the contacts-related task you need to do.
            } else {
                // Denied: Disable the functionality that depends on this permission.
            }
            return
        }
        // Add other 'when' lines to check for other permissions this app might request.
        else -> { // Ignore all other requests.}
    }
}

```