Add-on Builder - Basic Schema
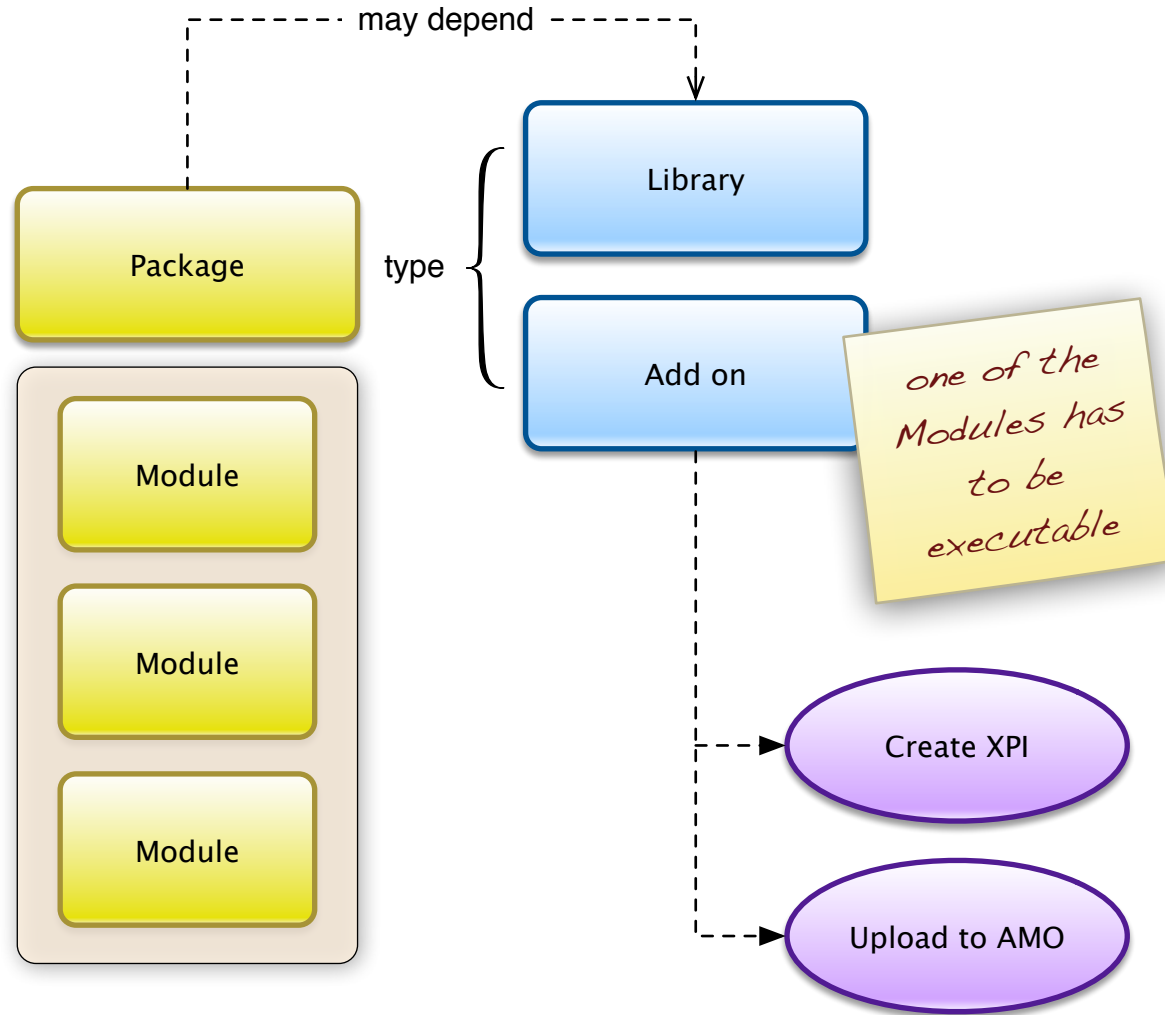
Add-on Builder - Database representation and URLs

/{type}_{name}/ — Package — type (TextField) { Library / Add-on }

HEAD
OneToOne

ForeignKey

/{user}/{type}_{name}[/{revision}]/ — PackageRevision ---- ManyToMany

UI prevents from depending on the Add-on

ForeignKey

/{type}_{name}/mod_{name}/
/{user}/{type}_{name}[/{revision}]/mod_{name}/ — Module

Only one per Package may be executable
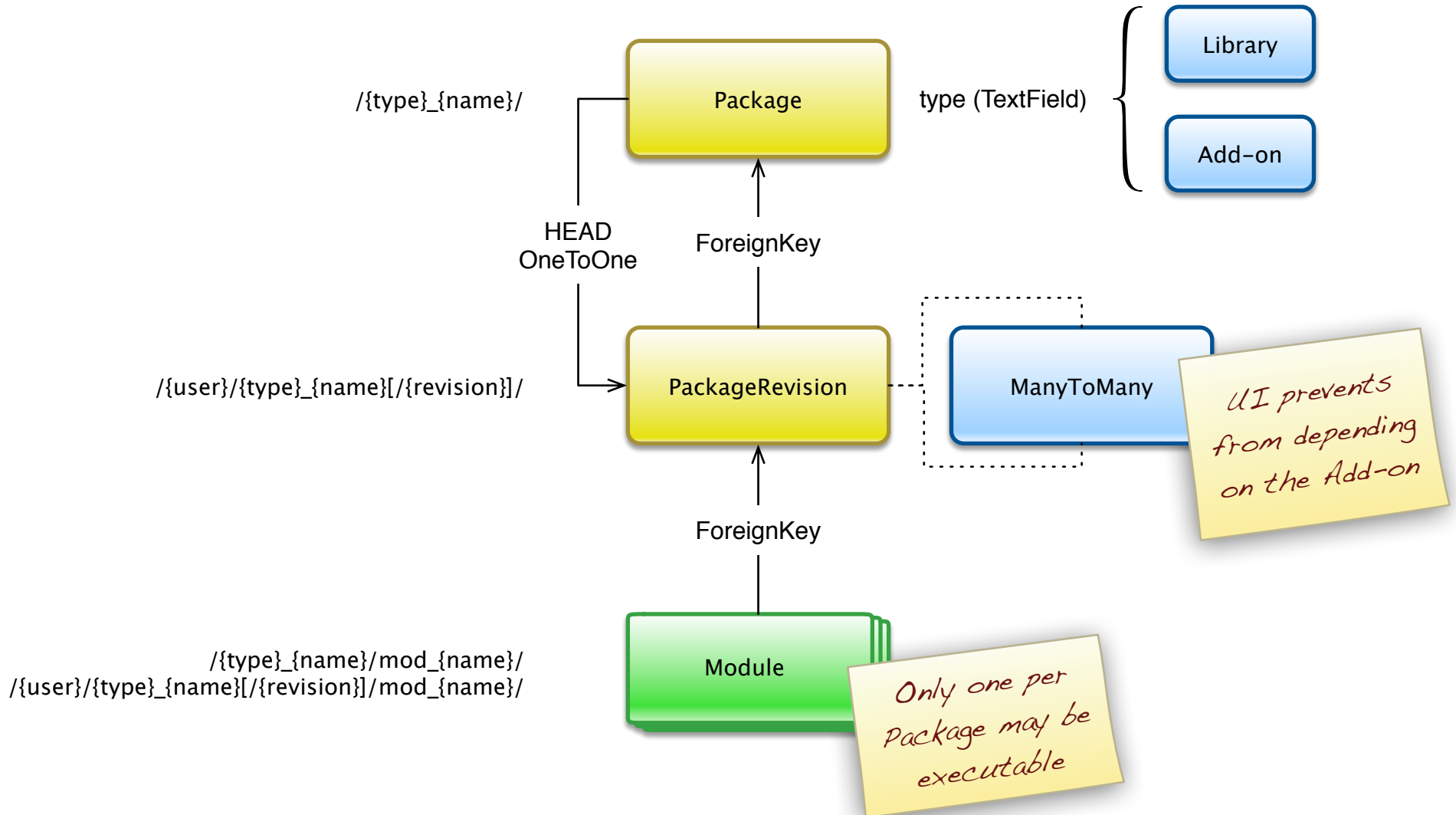
Using the SDK CFX tool to compile packages from database

Download XPI

Prepare temporary directory structure packages_{hash}

All Packages need to be in the right PackageRevision. That will assure XPI is compiled with the same data user has on the screen.

Prepare filesystem structure.

Create a directory structure Package:name

Save executable Module inside libs → **has any other Modules?** —Y→ **Save other Modules into libs directory**

Export Manifest into package.json

Copy packages from Jetpack SDK

Depends on any Libraries? —Y→ **Iterate through Libraries** → **Export Library into packages directory**

After it's finished

Use CFX to compile XPI