
Subject: TheIDE remote package dependencies proposal - dealing with baazar
Posted by [Klugier](#) on Sun, 03 Jun 2018 21:02:35 GMT

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Hello,

I was thinking how to deal with bazaar problem and I found one interesting solution that we can implement to U++ build infrastructure. However, it will require some effort to implement.

The main idea of solving that problem is to provide remote package dependency. The user will be able to specify remote dependencies for his package. For example I want to use MessageCtrl from Oblivion in my package without manually copying it to my project...

```
#include <Remote/Github/Oblivion/MessageCtrl.h> // Should be able to specify GitHub repo directly...
```

```
...
```

```
#include <Remote/Bazaar/plugin/gtest/gtest.h> // Another example of using self-hosted bazaar package...
```

Before building U++ can check and download required dependencies to Remote assembly folder that can be hidden in ~/.upp/theide directory. After that U++ is super easy to extend and it will be much more powerful with that feature.

This is the concept, so I would be grateful for any comments.

Sincerely,
Klugier