NAME

CPANPLUS::Internals::Extract - internals for archive extraction

SYNOPSIS

```
    ### for source files ###
    $self->_gunzip( file => 'foo.gz', output => 'blah.txt' );

    ### for modules/packages ###
    $dir = $self->_extract( module      => $modobj,
                            extractdir  => '/some/where' );
```

DESCRIPTION

CPANPLUS::Internals::Extract extracts compressed files for CPANPLUS. It can do this by either a pure perl solution (preferred) with the use of `Archive::Tar` and `Compress::Zlib`, or with binaries, like `gzip` and `tar`.

The flow looks like this:

```
    $cb->_extract
        Delegate to Archive::Extract
```

METHODS

$dir = _extract(module => $modobj, [perl => '/path/to/perl', extractdir => '/path/to/extract/to', prefer_bin => BOOL, verbose => BOOL, force => BOOL])

`_extract` will take a module object and extract it to `extractdir` if provided, or the default location which is obtained from your config.

The file name is obtained by looking at `$modobj->status->fetch` and will be parsed to see if it's a tar or zip archive.

If it's a zip archive, `__unzip` will be called, otherwise `__untar` will be called. In the unlikely event the file is of neither format, an error will be thrown.

`_extract` takes the following options:

module

A `CPANPLUS::Module` object. This is required.

extractdir

The directory to extract the archive to. By default this looks something like: /CPANPLUS_BASE/PERL_VERSION/BUILD/MODULE_NAME

prefer_bin

A flag indicating whether you prefer a pure perl solution, ie `Archive::Tar` or `Archive::Zip` respectively, or a binary solution like `unzip` and `tar`.

perl

The path to the perl executable to use for any perl calls. Also used to determine the build version directory for extraction.

verbose

Specifies whether to be verbose or not. Defaults to your corresponding config entry.

force

Specifies whether to force the extraction or not. Defaults to your corresponding config entry.

All other options are passed on verbatim to `__unzip` or `__untar`.

Returns the directory the file was extracted to on success and false on failure.