

Информация о номере сборки бинарника

Каждый исполняемый файл osFree содержит строку с информацией о номере сборки (buildlevel). Обычно эта информация размещается в ресурсах, но также может быть в секциях кода или данных.

Обычное место для информации о build level это строка DESCRIPTION в DEF-файле:

```
Description '@#osFree:9.23#@Control utility for ANSI'
```

Минимальная информация о build level

Часто используется следующий синтаксис информации о build level:

```
@#<Vendor>:<Revision>#@<Description>
```

где <Vendor>, <Revision> и <Description> - ASCII строки с соответствующей информацией. В EDM/2 http://www.edm2.com/index.php/Adding_BLDLEVEL_information_to_executables упомянуты некоторые ограничения для полей <Vendor>, <Revision> и <Description>, но в реальности, длина может быть любой и формат версии тоже может быть любым. Например, такое бывает во многих ревизиях OS2KRNL.

Пример:

```
Description '@#osFree:9.23#@Control utility for ANSI'
```

Extended build level information Type I

MPTN and TCP/IP services of osFree uses extended build level information. In most cases such information not stored as Description, but as asciiz constant string in code. This is why standard OS/2 bldlevel tool does not work for such files. Syntax is following:

```
@#<Vendor>:<Revision>#@###built <BuildDate> - on  
<BuildHost>;0.1@<Description>[:<SubDescription>[:<SubDescription>...]
```

where

- <BuildDate> is date and time of build
- <BuildHost> is machine on which build compiled
- <SubDescription> is closer description of software pack

Example:

```
Description '@#osFree:9.23#@###built 5 Oct 2003 15:00:00 - on  
RACERPC;0.1@Command line tools:Control utility for ANSI'
```

Extended build level information Type II

Another most known, and most complex, type of build level information is following:

```
@#<Vendor>:<Revision>#@1## DD.MM.YY hh:mm:ss  
<BuildHost>:<ASDFeatureID>:<LanguageCode>:<CountryCode>:<Build>:<Unknown>:<FixPackVer>@@<Description>
```

where

- DD.MM.YY is the build date in day/month/year, preceded by 1 space
- hh:mm:ss is the build time in hour/minute/second, preceded by 1 space
- <BuildHost> is machine on which build compiled, preceded by 8 spaces
- <ASDFeatureID> is identifier of ASD feature
- <LanguageCode> is code of language of component
- <CountryCode> is country code of component
- <Build> is build number
- <Unknown> is not known information (must be empty)
- <FixPackVer> is FixPack version (if distributed as part of).

Note: If you leave build date and/or build time empty you still have to provide the same amount of spaces to replace build date/build time.

Example:

```
Description '@#osFree:9.23#@##1##RACERPC:0:866:7:436::WRR8706@@Control  
utility for ANSI'
```

Nowdays many projects use this BLDLEVEL format string.

Related links

- [Adding BLDLEVEL information to executables](#)

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