



DESCRIPTION LANGUAGE FILE

ENGLISH VERSION
format version 1.00

Description Language file (format version 1.00).

The language file is an xml-file in UTF-8. The root element of the file has `language` tag with the required attributes `language`, `version`, `id`, and `title`.

The `id` attribute of the form "language-country" or "language", where the language - the two-letter language code according to ISO 639-1 (or three-letter to ISO 639-2, if there is no two-letter), country - two-letter country code according to ISO 3166-1 (for example "en-gb", "ru").

The `title` attribute contains the name of the language.

The root tag has two required sections: `messages` and `keyboard`.

`Messages` section contains lines that are used in the program. Each line of the specified tag `msg`, which has the required attributes `id` and `text` and optional attributes `text0`, `text1`, ..., `text9`. `Id` attribute contains the identifier string, which may consist of Latin characters, numbers, and the underscore character. With the ID program finds the string. Part IDs hard-coded into the program, and others are used in `gui.xml` (in the form of "\$ id"). The `text` contains a direct line. Attributes `text0`, ..., `text9` can set abbreviated writing lines (figure in the attribute name is not important), then depending on the size of the region, the program will use an appropriate version. For example: `<msg id="Moving" text="Dvizhenie" text1="Dvizh."/>`.

`Keyboard` section contains keymaps. Each `layout` is specified tag `layout`. In the layout of rows of keys are defined using tags `row`. Keys in each row are given tags `btn`. The file must be given at least one layout. The first layout is called `national` and should contain national characters. The rest of the layout called `special` and can contain numbers, and other symbols.

`Layout` tag has the following attributes: `fontSize`, `horInterval`, `vertInterval`, `vertMargin`. `FontSize` - font size in points (default is 12). `HorInterval` - horizontal spacing between the keys. `VertInterval` - vertical spacing between the rows of keys. `VertMargin` - the size of the internal field at the top and bottom of the key. Values `horInterval`, `vertInterval`, `vertMargin` may contain suffix%, `pd`, `mm`, `pt`. Suffix% means that the value is set as a percentage of the font size.

1 `pd` = 1 pixel * `dpi` / 96.

1 `mm` = 4 `pd` ≈ 1.0583 `mm`.

1 `pt` = 1 `pt` = 1/72 inch.

If the suffix is not specified, the value is set in pixels.

`Btn` tag can contain the following attributes: `char`, `action`, `width`. The `width` attribute specifies the width of the keys in dimensionless units (default is 1). The actual width of the keys is determined automatically depending on the width of the keyboard, the number and size of all the key layout. `Char` attribute specifies the character that is entered in the input field by pressing a key. The `action` attribute specifies the action to take special keys (can not be set simultaneously with `char`). It can take the following values:

`space` - space;

`backspace` - delete a character;

`abcLayout` - the transition to a national layout;

`specLayout` - go to the special layout;

`nextABCLayout` - Go to the next national layout (long press - to select the layout of the list);

`nextSpecLayout` - the transition to the next special layout;

`hide` - hide the keyboard.

