

Script config_default.xml

```
<pmapper>
  <ini>
    <pmapper>
      <pmTitle>p.mapper - A MapServer PHP/MapScript Framework</pmTitle>
      <debugLevel>3</debugLevel>
      <plugins>export</plugins>
      <plugins>scalebar</plugins>
      <plugins>transparency</plugins>
    </pmapper>
  <config>
    <pm_config_location>default</pm_config_location>
    <pm_javascript_location>javascript</pm_javascript_location>
    <pm_print_configfile>common/print.xml</pm_print_configfile>
    <pm_search_configfile>inline</pm_search_configfile>
  </config>
  <map>
    <mapFile>pmapper_demo.map</mapFile>
    <tplMapFile>common/template.map</tplMapFile>
    <categories>
      <category name="cat_admin">
        <group>merge_kecamatan1</group>
        <group>titik_kecamatan</group>
      </category>
    </categories>
  </map>
</pmapper>
```

The logo of Universitas Muhammadiyah Ponorogo is a blue shield-shaped emblem with a yellow border. It features a central sunburst design, a green and white map of Indonesia, and the university's name in Indonesian and English. The text 'UNIVERSITAS MUHAMMADIYAH' is at the top and 'PONOROGO' is at the bottom.

```
<category name="cat_nature">
    <group>mergebatas_desa</group>
        <group>merge_batas_kecamatan3</group>
</category>
<category name="cat_raster">
    <group>dem</group>
    <group>jpl_wms_global_mosaic</group>
</category>
</categories>
<allGroups>
    <group>merge_kecamatan1</group>
        <group>mergebatas_desa</group>
        <group>merge_batas_kecamatan3</group>
        <group>titik_kecamatan</group>
</allGroups>
<defGroups>
    <group>merge_kecamatan1</group>
    <group>mergebatas_desa</group>
    <group>merge_batas_kecamatan3</group>
    <group>titik_kecamatan</group>

</defGroups>
<layerAutoRefresh>1</layerAutoRefresh>
<imgFormat>png8</imgFormat>
<altImgFormat>jpeg</altImgFormat>
```

```

<!--
<altImgFormatLayers>
  <layer>jpl_wms_global_mosaic</layer>
  <layer>dem</layer>
</altImgFormatLayers>
-->

<sliderMax>max</sliderMax>

<sliderMin>100000</sliderMin>

</map>

<query>
  <limitResult>300</limitResult>
  <highlightColor>0 255 255</highlightColor>
  <highlightSelected>1</highlightSelected>
  <autoZoom>nquery</autoZoom>
  <autoZoom>search</autoZoom>
  <zoomAll>search</zoomAll>
  <zoomAll>nquery</zoomAll>
  <infoWin>dynwin</infoWin>
  <alignQueryResults>1</alignQueryResults>
  <pointBuffer>10000</pointBuffer>
  <shapeQueryBuffer>0.02</shapeQueryBuffer>
</query>

<ui>
  <tocStyle>tree</tocStyle>
  <legendStyle>attached</legendStyle>

```

```
<useCategories>1</useCategories>

<catWithCheckbox>1</catWithCheckbox>

<scaleLayers>1</scaleLayers>

<icoW>18</icoW>

<icoH>14</icoH>

    <legendKeyimageRewrite>0</legendKeyimageRewrite>

</ui>

<locale>

    <defaultLanguage>en</defaultLanguage>

    <defaultCharset>UTF-8</defaultCharset>

    <map2unicode>1</map2unicode>

</locale>

<print>

    <printImgFormat>png</printImgFormat>

    <printAltImgFormat>jpeg</printAltImgFormat>

    <pdfres>2</pdfres>

</print>

<download>

    <dpiLevels>150</dpiLevels>

    <dpiLevels>200</dpiLevels>

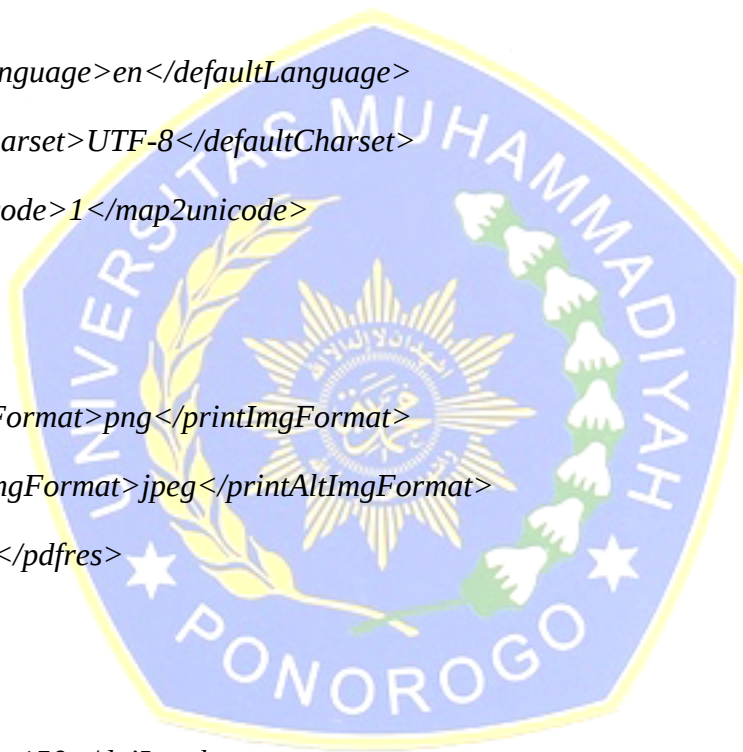
    <dpiLevels>300</dpiLevels>

</download>

<php>

    <pearDbClass>MDB2</pearDbClass>

    <defaultTimeZone>Europe/Vienna</defaultTimeZone>
```



```
</php>
```

```
<pluginsConfig>
```

```
<export>
```

```
<formats>XLS</formats>
```

```
<formats>CSV</formats>
```

```
<formats>PDF</formats>
```

```
</export>
```

```
</pluginsConfig>
```

```
</ini>
```

```
<searchlist version="1.0">
```

```
<dataroot>$</dataroot>
```

```
<searchitem name="merge_kecamatan1" description="merge_kecamatan1">
```

```
<layer type="shape" name="merge_kecamatan1">
```

```
<field type="n" name="merge_kecamatan1" description="merge_kecamatan1">=""  
wildcard="0"
```

```
compare=">="</>
```

```
</layer>
```

```
</searchitem>
```

```
<searchitem name="countries" description="Country">
```

```
<layer type="shape" name="countries">
```

```
<field type="s" name="ISOCODE" description="Country" wildcard="2">
```

```
<definition type="options" connectiontype="ms" sort="asc" firstoption="*">
```

```

        <mslayer encoding="ISO-8859-1" keyfield="ISOCODE"
showfield="NAME_EN"/>

    </definition>

</field>

</layer>

</searchitem>

<!-- Sample for suggest function -->

<searchitem name="cities_suggest_ms" description="Cities Suggest MS">

    <layer type="ms" name="cities10000eu">

        <field type="s" name="NAME" description="City" wildcard="2">

            <definition type="suggest" connectiontype="ms" minlength="1" startleft="1"
sort="asc">

                <mslayer encoding="UTF-8"/>

            </definition>

        </field>

    </layer>

</searchitem>

</searchlist>

</pmapper>

```



Script p mapper

#

Start of map file

#

MAP

EXTENT 244.077 67.9623 1521.18 1117.26

#UNITS meters

#EXTENT -15 30 40 70

UNITS meters

SIZE 600 500

SHAPEPATH ".././../pmapper_demodata"

SYMBOLSET "../common/symbols/symbols-pmapper.sym"

FONTSET "../common/fonts/msfontset.txt"

RESOLUTION 96

IMAGETYPE png

INTERLACE OFF

#CONFIG "PROJ_LIB" "C:/proj/nad/"

PROJECTION

ETRS-LAEA

#"init=epsg:3035"

" +proj=longlat +datum=WGS84 +no_defs"

END



#

Start of web interface definition

#

WEB

TEMPLATE "map.html"

IMAGEPATH "/ms4w/tmp/ms_tmp/"

IMAGEURL "/ms_tmp/"

METADATA

#"MAPFILE_ENCODING" "ISO-8859-1"

#"ows_title" "WMS Demo Server"

#"ows_onlineresource" "http://wms.yourserver.org?owskey=test&"

#"ows_srs" "EPSG:3035 EPSG:4326"

END # Metadata

END # Web

#

Start of Reference map definition

#

REFERENCE

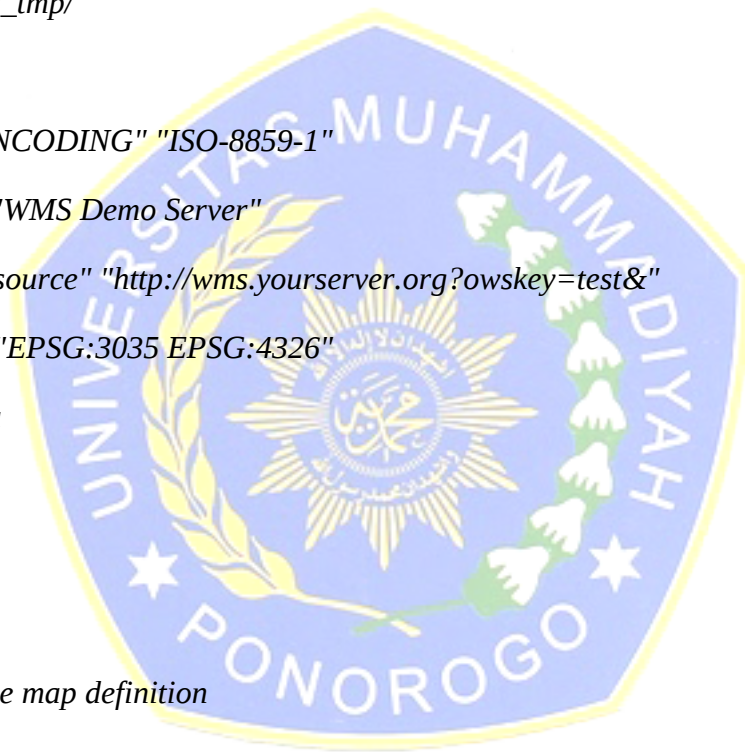
EXTENT 244.077 67.9623 1521.18 1117.26

IMAGE "../images/reference.png"

SIZE 199 149

COLOR -1 -1 -1

OUTLINECOLOR 255 0 0



END # Reference

#

Start of legend object

#

LEGEND

STATUS on

IMAGECOLOR 255 255 255

OUTLINECOLOR 0 0 0

POSITION ll

KEYSIZE 18 12

KEYSPACING 10 5

TEMPLATE "void"

LABEL

TYPE TRUETYPE

FONT "FreeSans"

SIZE small

POSITION AUTO

COLOR 0 0 89

OUTLINECOLOR 255 255 255

ANTIALIAS TRUE

END

END



#

Start of ScaleBar definition

#

SCALEBAR

STATUS off

TRANSPARENT off

INTERVALS 4

SIZE 200 3

UNITS kilometers

COLOR 250 250 250

OUTLINECOLOR 0 0 0

BACKGROUNDColor 100 100 100

STYLE 0

POSTLABELCACHE true

LABEL

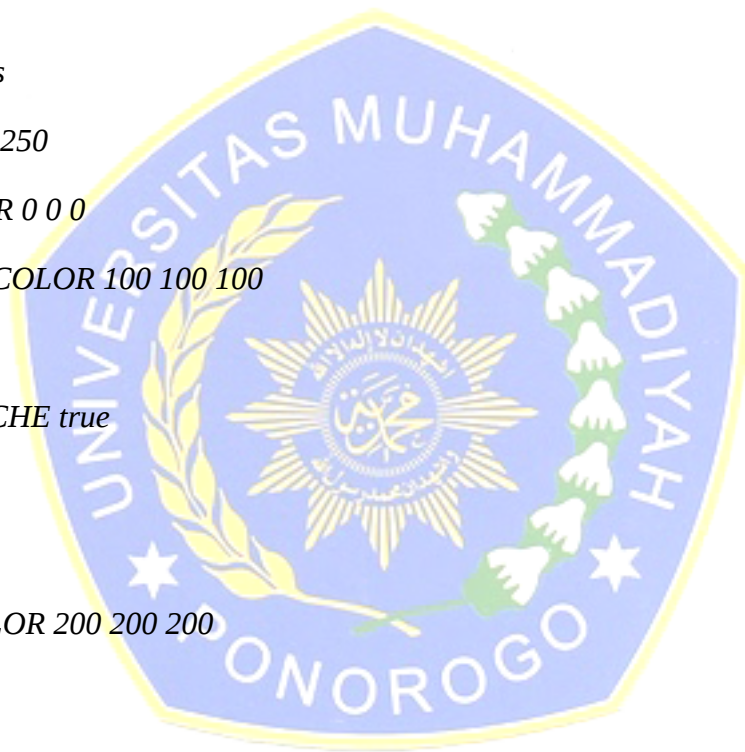
COLOR 0 0 90

#OUTLINECOLOR 200 200 200

SIZE small

END # Label

END # Reference



SYMBOLS USED IN PMAPPER

- 'circle' always necessary (used e.g. for highlight)

- 'square' used in currecnt map file

Symbols can also be defined via tag SYMBOLSET (see above)

Symbol

Name 'circle'

Type ELLIPSE

Filled TRUE

Points

1 1

END

END

Symbol

Name 'square'

Type VECTOR

Filled TRUE

Points

0 1

0 0

1 0

1 1

0 1

END

END



*#===== START OF LAYER SECTION
=====#*

#

#

Start of merge_kecamatan1

#

LAYER

NAME "merge_kecamatan1"

#LABELITEM "merge_kecamatan1"

TYPE polygon

STATUS ON

CONNECTIONTYPE POSTGIS

*CONNECTION "host=localhost dbname=peta_ponorogo user=postgres password=deni
port=5432"*

DATA "geom FROM merge_kecamatan1 USING UNIQUE gid"

TRANSPARENCY 80

TEMPLATE void

PROJECTION

#"init=epsg:4326"

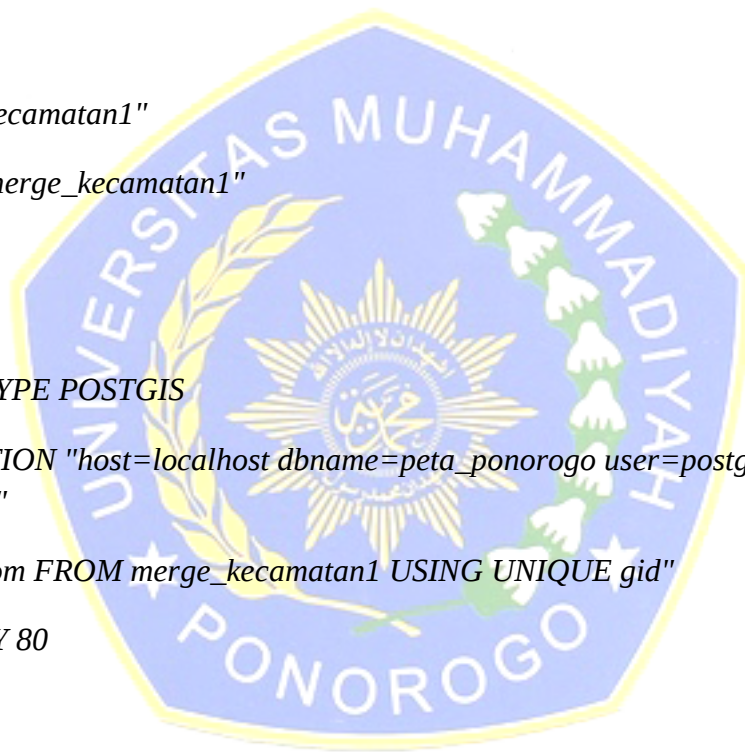
"+proj=longlat +datum=WGS84 +no_defs"

END

METADATA

"DESCRIPTION" "merge_kecamatan1"

END



CLASS

NAME 'ponorogo'

EXPRESSION ([gid] == 1)

COLOR 108 166 205

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 80

END #LABEL

END #CLASS

CLASS

NAME 'siman'

EXPRESSION ([gid] == 2)

COLOR 0 0 255

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255



BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'jetis'

EXPRESSION ([gid] == 3)

COLOR 255 0 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'jambon'



EXPRESSION ([gid] == 4)

COLOR 0 204 51

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'balong'

EXPRESSION ([gid] == 5)

COLOR 0 51 0

OUTLINECOLOR 0 0 0

LABEL

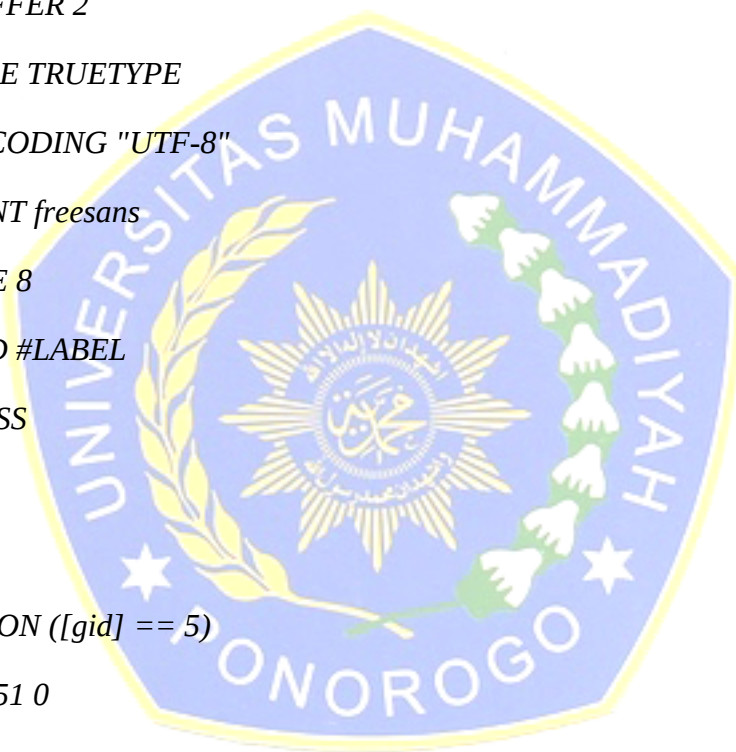
POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE



ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'kauman'

EXPRESSION ([gid] == 6)

COLOR 0 255 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'badegan'

EXPRESSION ([gid] == 7)

COLOR 0 0 102



OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'ngrayun'

EXPRESSION ([gid] == 8)

COLOR 0 255 255

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans



SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'selahung'

EXPRESSION ([gid] == 9)

COLOR 204 204 255

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'bungkal'

EXPRESSION ([gid] == 10)

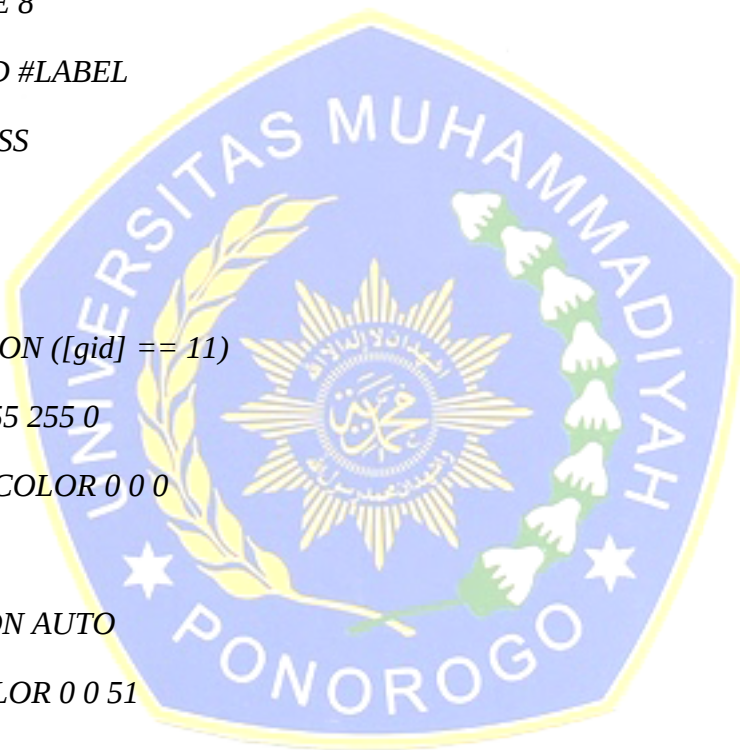
COLOR 0 204 255

OUTLINECOLOR 0 0 0

LABEL



POSITION AUTO
 COLOR 0 0 51
 OUTLINECOLOR 255 255 255
 BUFFER 2
 TYPE TRUETYPE
 ENCODING "UTF-8"
 FONT freesans
 SIZE 8
 END #LABEL
 END #CLASS
 CLASS
 NAME 'sambit'
 EXPRESSION ([gid] == 11)
 COLOR 255 255 0
 OUTLINECOLOR 0 0 0
 LABEL
 POSITION AUTO
 COLOR 0 0 51
 OUTLINECOLOR 255 255 255
 BUFFER 2
 TYPE TRUETYPE
 ENCODING "UTF-8"
 FONT freesans
 SIZE 8
 END #LABEL



END #CLASS

CLASS

NAME 'sawoo'

EXPRESSION ([gid] == 12)

COLOR 153 0 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'sooko'

EXPRESSION ([gid] == 13)

COLOR 102 0 255

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51



```

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'mlarak'

EXPRESSION ([gid] == 14)

COLOR 0 153 255

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

```



NAME 'pulung'

EXPRESSION ([gid] == 15)

COLOR 255 0 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'ngebel'

EXPRESSION ([gid] == 16)

COLOR 0 51 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2



TYPE TRUETYPE
ENCODING "UTF-8"
FONT freesans
SIZE 8
END #LABEL

END #CLASS

CLASS

NAME 'jenangan'

EXPRESSION ([gid] == 17)

COLOR 255 51 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

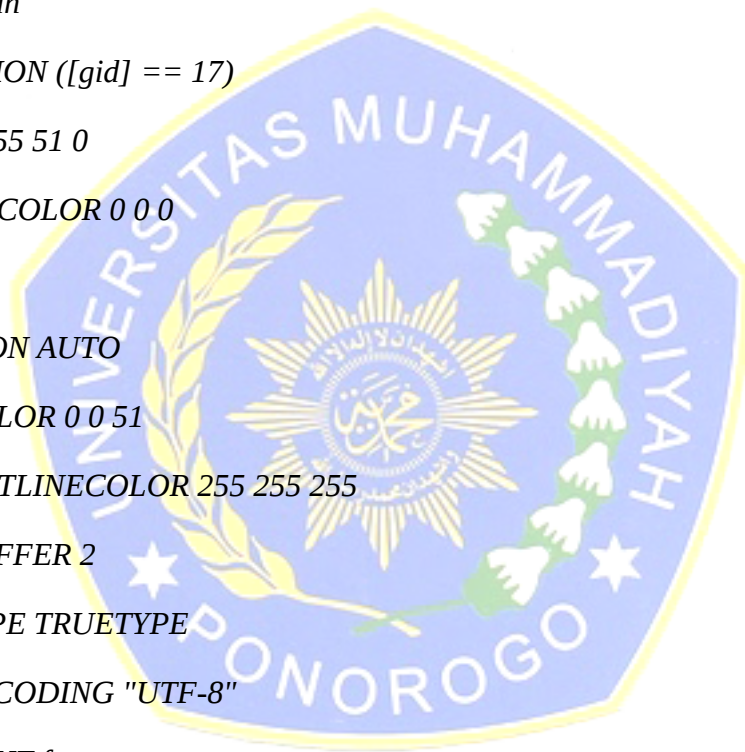
END #LABEL

END #CLASS

CLASS

NAME 'babadan'

EXPRESSION ([gid] == 18)



COLOR 255 102 0

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT freesans

SIZE 8

END #LABEL

END #CLASS

CLASS

NAME 'sukorejo'

EXPRESSION ([gid] == 19)

COLOR 102 0 153

OUTLINECOLOR 0 0 0

LABEL

POSITION AUTO

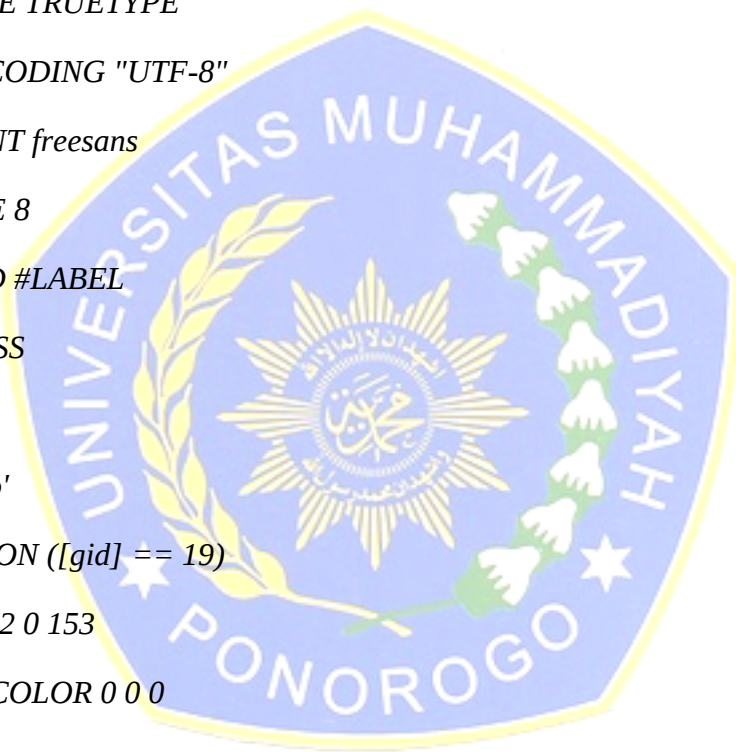
COLOR 0 0 51

OUTLINECOLOR 255 255 255

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"



```

        FONT freesans
        SIZE 8
        END #LABEL
    END #CLASS
    CLASS
    NAME 'sampung'
        EXPRESSION ([gid] == 20)
        COLOR 102 0 51
        OUTLINECOLOR 0 0 0
        LABEL
            POSITION AUTO
            COLOR 0 0 51
            OUTLINECOLOR 255 255 255
            BUFFER 2
            TYPE TRUETYPE
            ENCODING "UTF-8"
            FONT freesans
            SIZE 8
            END #LABEL
        END #CLASS
    END # LAYER

#
# Start of Layer merge_batas_kecamatan3
#

```



LAYER

NAME "merge_batas_kecamatan3"

TYPE line

#LABELITEM "label"

STATUS ON

CONNECTIONTYPE POSTGIS

CONNECTION "host=localhost dbname=peta_ponorogo user=postgres password=deni
port=5432"

DATA "geom FROM public.merge_batas_kecamatan3"

TRANSPARENCY 0

TOLERANCE 3

TOLERANCEUNITS pixels

TEMPLATE void

PROJECTION

#"init=epsg:4326"

" +proj=longlat +datum=WGS84 +no_defs"

END

METADATA

"DESCRIPTION" "merge_batas_kecamatan3"

END

CLASS

Name 'merge_batas_kecamatan3'

COLOR 0 255 150

LABEL

POSITION AUTO



```

COLOR 0 150 0

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT FreeSans

SIZE 8

END #LABEL

END #CLASS

END #LAYER

#
# Start of Layer mergebatas_desa
#
LAYER
NAME "mergebatas_desa"
TYPE line
#LABELITEM "label"
STATUS ON
CONNECTIONTYPE POSTGIS

CONNECTION "host=localhost dbname=peta_ponorogo user=postgres password=deni
port=5432"

DATA "geom FROM public.mergebatas_desa"

TRANSPARENCY 40

TOLERANCE 3

TOLERANCEUNITS pixels

```



```
TEMPLATE void
PROJECTION
    #"init=epsg:4326"
    "+proj=longlat +datum=WGS84 +no_defs"
END
METADATA
    "DESCRIPTION" "mergebatas_desa"
END
CLASS
    Name 'mergebatas_desa'
    COLOR 0 0 0
    LABEL
        POSITION AUTO
        COLOR 0 150 0
        BUFFER 2
        TYPE TRUETYPE
        ENCODING "UTF-8"
        FONT FreeSans
        SIZE 8
    END #LABEL
END #CLASS
END #LAYER
```



```

#
# Start of Layer titik_kecamatan
#

LAYER

NAME "titik_kecamatan"

TYPE point

#LABELITEM "label"

STATUS ON

CONNECTIONTYPE POSTGIS

CONNECTION "host=localhost dbname=peta_ponorogo user=postgres password=deni
port=5432"

DATA "geom FROM public.titik_kecamatan"

TOLERANCE 3

TOLERANCEUNITS pixels

TEMPLATE void

PROJECTION

#"init=epsg:4326"

"+proj=longlat +datum=WGS84 +no_defs"

END

METADATA

"DESCRIPTION" "titik_kecamatan"

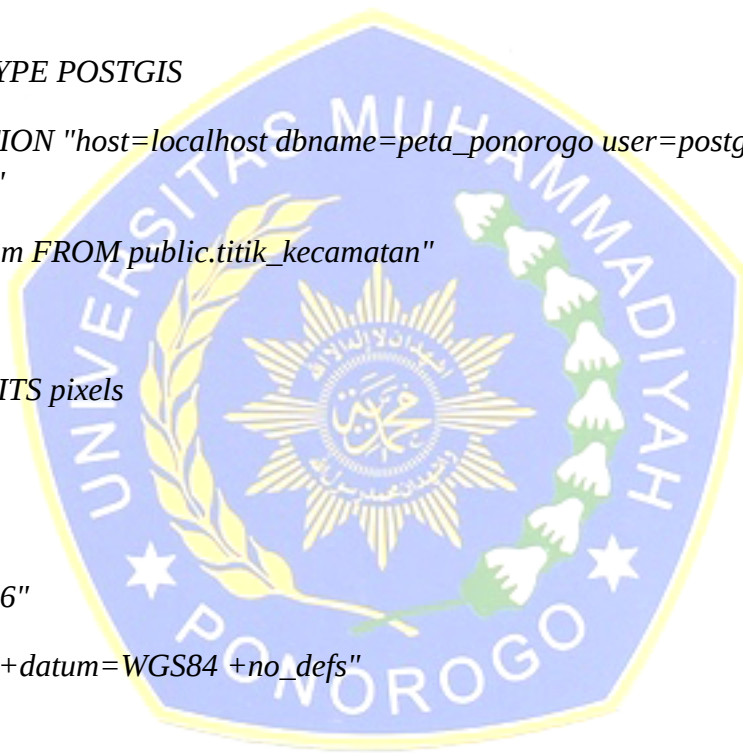
END

CLASS

Name 'titik_kecamatan'

COLOR 0 255 150

```



LABEL

POSITION AUTO

COLOR 0 150 0

BUFFER 2

TYPE TRUETYPE

ENCODING "UTF-8"

FONT FreeSans

SIZE 8

END #LABEL

END #CLASS

END #LAYER

END #MAP

