Imr2y.c 划分为

imr2yclk.c 类名im\_r2y\_clk，以下类推

imr2yutils.c

imr2y.c

imr2ystat.c

imr2y2.c

imr2y3.c

imr2yproc.c

imr2yctrl.c

imr2yctrl2.c

imr2yctrl3.c

imr2yctrl4.c

imr2yctrl5.c

imr2yctrlsup.c

imr2yedge.c

imr2yset.c

imr2yutility.c

imr2yutility2.c

imr2yutility3.c

imr2yutility4.c

宏定义结构体等

对外宏定义结构体等均放置imr2y.h中，结构体名字超过五个的请自行把前三个去掉如：

T\_IM\_R2Y\_AXI\_YYW\_MODE改为AxiYywMode

恰好五个则改为R2yAxiYywMode

特殊如下

Imr2y.h

T\_IM\_R2Y\_CTRL\_C\_REF\_EDGE\_TEXTURE\_ADJ\_COMMON改为CtrlCrefEdgeTexture

T\_IM\_R2Y\_CTRL\_C\_REF\_EDGE\_ADJ

改为CtrlCrefEdgeAdj

T\_IM\_R2Y\_CTRL\_C\_REF\_YB\_BLEND

改为CtrlCrefYbBlend

还有类似

T\_IM\_R2Y\_CTRL\_RDMA\_DEKNEE\_TBL\_ADDR

改为RdmaDekneeTblAddr

U\_IM\_R2Y\_CTRL\_RDMA\_GMDF\_TBL\_VAL

改为

CtrlRdmaGmdfTblval

U\_IM\_R2Y\_CTRL\_RDMA\_GMFL\_TBL\_VAL

改为CtrlRdmaGmflTblval

超过7个单词的大部分是删除前四个

特殊的会写出来

宏定义均放置在imr2yctrl.h中并把D\_IM\_R2Y\_改为了类名\_

如：D\_IM\_R2Y\_ADDR\_INDEX\_MAX

改为ImR2yCtrl\_ADDR\_INDEX\_MAX

特殊如D\_IM\_R2Y1\_INT\_STATE\_TCT\_END

改为ImR2yCtrl\_INT\_STATE\_TCT\_END1

D\_IM\_R2Y2\_INT\_STATE\_TCT\_END

改为ImR2yCtrl\_INT\_STATE\_TCT\_END2

Imr2y.h

公有函数名外部调用划分:

imr2yclk.c中含:

Im\_R2Y\_On\_Pclk改为im\_r2y\_clk\_on\_pclk之后类推，Im\_R2Y\_Off\_Pclk，Im\_R2Y\_Force\_Off\_Pclk，Im\_R2Y\_On\_Hclk，Im\_R2Y\_Off\_Hclk，Im\_R2Y\_Force\_Off\_Hclk，Im\_R2Y\_On\_Iclk，Im\_R2Y\_Off\_Iclk，Im\_R2Y\_Force\_Off\_Iclk，Im\_R2Y\_On\_Clk，Im\_R2Y\_Off\_Clk，Im\_R2Y\_Force\_Off\_Clk，

imr2yutils.c中无外部调用

imr2y.c中含:

Im\_R2Y\_Init，Im\_R2Y\_Ctrl\_Axi，Im\_R2Y\_Get\_AxiReadStat，Im\_R2Y\_Get\_AxiWriteStat，Im\_R2Y\_Get\_AxiWriteMode，Im\_R2Y\_Set\_AxiWriteMode，Im\_R2Y\_Ctrl，Im\_R2Y\_Ctrl\_ModeSDRAMInput，

Im\_R2Y\_Set\_InAddr\_Info，Im\_R2Y\_Set\_OutBankInfo，Im\_R2Y\_Get\_OutBankIndex

imr2ystat.c中含:

Im\_R2Y\_Print\_Status,Im\_R2Y\_Print\_ClockStatus,Im\_R2Y\_Print\_AccEnStatus

imr2y2.c中含:

Im\_R2Y\_Set\_Resize\_Rect,Im\_R2Y\_Set\_Resize\_Pitch，Im\_R2Y\_Get\_Resize\_Param

imr2y3.c中含:

Im\_R2Y\_Set\_OutBankIndex改为im\_r2y3\_set\_out\_bank\_index,以下类推，Im\_R2Y\_Ctrl\_ModeDirect，Im\_R2Y\_Set\_RightSide\_Offset

Im\_R2Y\_Get\_Latest\_OutAddr，Im\_R2Y\_Set\_ExternalIfOutput，Im\_R2Y\_Get\_ExternalIfOutput，Im\_R2Y\_Get\_HRingPixs，Im\_R2Y\_Ctrl\_Trimming，Im\_R2Y\_Ctrl\_Trimming\_External，Im\_R2Y\_Ctrl\_Histogram，Im\_R2Y\_Get\_Histogram，Im\_R2Y\_Set\_HistogramAccessEnable，Im\_R2Y\_Set\_Chroma，Im\_R2Y\_Set\_Hue，Im\_R2Y\_Set\_Color\_Extract，Im\_R2Y\_Set\_RGBDeknee\_Table，Im\_R2Y\_Set\_RGBDekneeAccessEnable

imr2yproc.c中含:

Im\_R2Y\_Start，Im\_R2Y\_Stop，Im\_R2Y\_WaitEnd，Im\_R2Y\_Int\_Handler

imr2yctrl.c中含:

Im\_R2Y\_Ctrl\_PostResizeEdge0，Im\_R2Y\_Ctrl\_PostResizeEdge1，Im\_R2Y\_Set\_Offset，Im\_R2Y\_Ctrl\_Tone，Im\_R2Y\_Set\_ToneControlTblAccessEnable，Im\_R2Y\_Is\_Act\_Tone，

imr2yctrl2.c中含:

Im\_R2Y\_Set\_WB\_Gain，Im\_R2Y\_Set\_WB\_Clip\_Level，Im\_R2Y\_Ctrl\_CC0\_Matrix，Im\_R2Y\_Set\_CC0\_Matrix\_Coefficient，Im\_R2Y\_Ctrl\_BeforeTone\_Offset，Im\_R2Y\_Ctrl\_BeforeTone\_Tct，Im\_R2Y\_Ctrl\_BeforeTone\_Tchs，Im\_R2Y\_Set\_LuminanceEvaluationTblAccessEnable，Im\_R2Y\_Set\_BTC\_HistogramTblAccessEnable，Im\_R2Y\_Ctrl\_Gamma，Im\_R2Y\_Set\_GammaTblAccessEnable，Im\_R2Y\_Set\_GammaYbTblAccessEnable，Im\_R2Y\_Is\_Act\_Gamma，Im\_R2Y\_Ctrl\_CC1\_Matrix，Im\_R2Y\_Set\_CC1\_Matrix\_Coefficient，Im\_R2Y\_Ctrl\_Yc\_Convert，Im\_R2Y\_Ctrl\_Ynr

imr2yctrl3.c中含:

Im\_R2Y\_Ctrl\_MapScl，Im\_R2Y\_Set\_MapSclTblAccessEnable，Im\_R2Y\_Ctrl\_CRefEdgeTextureAdjCommon，Im\_R2Y\_Ctrl\_CRefEdgeAdj，Im\_R2Y\_Ctrl\_CRefYbBlend，Im\_R2Y\_Ctrl\_Color\_NR，Im\_R2Y\_Ctrl\_Chroma\_Suppress，Im\_R2Y\_Set\_Tone\_Control\_Table，Im\_R2Y\_Get\_Tone\_Control\_Table，Im\_R2Y\_Get\_LuminanceEvaluation\_BeforeTone，Im\_R2Y\_Get\_Histogram\_BeforeTone

imr2yctrl4.c中含:

Im\_R2Y\_Ctrl\_Multi\_Axis

imr2yctrl5.c中含:

无外部调用函数

imr2yctrlsup.c中含:

无外部调用函数

imr2yedge.c中含:

Im\_R2Y\_Ctrl\_Edge\_NoiseReduction改为im\_r2y\_edge\_ctrl\_noise\_reduction以下类推，Im\_R2Y\_Ctrl\_HighEdge，Im\_R2Y\_Set\_HighEdgeSclTblAccessEnable，Im\_R2Y\_Set\_HighEdgeStepTblAccessEnable，Im\_R2Y\_Ctrl\_MediumEdge，Im\_R2Y\_Set\_MediumEdgeSclTblAccessEnable，Im\_R2Y\_Set\_MediumEdgeStepTblAccessEnable，Im\_R2Y\_Ctrl\_LowEdge，Im\_R2Y\_Set\_LowEdgeSclTblAccessEnable，Im\_R2Y\_Set\_LowEdgeStepTblAccessEnable，Im\_R2Y\_Is\_Act\_PostFilter，Im\_R2Y\_Ctrl\_EdgeDotNoise->im\_r2y\_edge\_ctrl\_dot\_noise，Im\_R2Y\_Ctrl\_EdgeBlend->im\_r2y\_edge\_ctrl\_blend

imr2yset.c中含:

Im\_R2Y\_Set\_Gamma\_Table，Im\_R2Y\_Set\_HighEdge\_Scale\_Table，Im\_R2Y\_Set\_HighEdge\_Step\_Table，Im\_R2Y\_Set\_MediumEdge\_Scale\_Table，

Im\_R2Y\_Set\_MediumEdge\_Step\_Table，Im\_R2Y\_Set\_LowEdge\_Scale\_Table

Im\_R2Y\_Set\_LowEdge\_Step\_Table

Im\_R2Y\_Set\_MapScl\_Table

imr2yutility.c中含:

Im\_R2Y\_Get\_RdmaAddr\_EE0\_Cntl->im\_r2y\_utility\_get\_rdma\_addr\_ee1\_cntl以下类推

Im\_R2Y\_Get\_RdmaAddr\_EE1\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_Deknee\_Table

Im\_R2Y\_Get\_RdmaAddr\_Offset\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_WB\_Clip\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CC0\_Matrix\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CC0\_Matrix\_Coefficient\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_Multi\_Axis\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_BeforeTone\_Offset\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_BeforeTone\_Tct\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_BeforeTone\_Tchs\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_Tone\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_Gamma\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CC1\_Matrix\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CC1\_Matrix\_Coefficient\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_YCC\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_YNR\_Cntl

imr2yutility2.c中含:

Im\_R2Y\_Get\_RdmaAddr\_EENR\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGHW\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGMW\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGLW\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGDT\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGCMP\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CRV\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_EGCRV\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_YBCRV\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CLPF\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_CSP\_Cntl

Im\_R2Y\_Get\_RdmaAddr\_Tone\_Table

Im\_R2Y\_Get\_RdmaAddr\_EGWTON\_Table

Im\_R2Y\_Get\_RdmaAddr\_EGMPSCL\_Table

imr2yutility3.c中含:

Im\_R2Y\_Get\_RdmaAddr\_GMDF\_Table

imr2yutility4.c中含:

Im\_R2Y\_Get\_RdmaAddr\_GMFL\_Table

Im\_R2Y\_Get\_RdmaAddr\_EGWSCL\_Table