Faster R-CNN (NIPS 2015)		0 0
Faster R-CNN: Towards Real-Time Object Detection with Region		Ren et al.
Problem Description:	Faster R-CNN: region proposed	Computation
,	SPP net (slide window),	
	SPP net (slide window), R-CNN (selective search).	
Problem Solution:	RPN (Region Proposal Network	k):
	it shares full-image convolutional f with the detection network.	
	"attention" mechanisms: RPN component tells the unified n where to look.	etwork
3 Con contual	cls < classifier→reg	***************
3 Conceptual Unclerstanding	ReI Pooling proposal	feature maps
Onlow Source	proposals DPN	
	Conv layers feature	e maps
	input	
(size=3, pad O Conv layers: conv anchors	=1, stricte=1) + relu+pooling. (2,1,1) + relu+pooling. MXN VGG1/b 1 36 (4k) cregression	
@ RPN: feature maps ->	(clasification) (IX 1) > Reshape > Softmax > Reshape	ne->proposal
last in the second	roposals -> (wxh)> proposal fear	ture maps
@ Classifition: Toropo	(Classification)	ox_pred -> cls

