

AV Scan Reports

	AV1	AV2	AV3
app1	android.adrd.a	Trojan:/pjapps.1	pjapps.a [trj]
app2	android.adrd.a	Trojan:/adrd.1	adrd.a [trj]
app3	android.ginger.a	Adware:/gbreak.1	ginger.a [ads]
app4	android.anserver.a	Adware:/gbreak.1	anserver.a [ads]
app5	android.adrd.a	Trojan:/adrd.4	ginger.b [trj]

Extraction of Label Fields

Transform
to a flat
sequence

app1 -> (AV1,android.adrd.a),(AV2,Trojan:/pjapps.1),(AV3,pjapps.a [trj])
app2 -> (AV1,android.adrd.a),(AV2,Trojan:/adrd.1),(AV3,adrd.a [trj])
app3 -> (AV1,android.ginger.a),(AV2,Adware:/gbreak.1),(AV3,ginger.a [ads])
app4 -> (AV1,android.anserver.a),(AV2,Adware:/gbreak.1),(AV3,anserver.a [ads])
app5 -> (AV1,android.adrd.a),(AV2,Trojan:/adrd.4),(AV3,ginger.b [trj])

Parse labels
&
Extract family names



heuristics rules

Initial Knowledge

	AV1	AV2	AV3
app1	adrd	pjapps	pjapps
app2	adrd	adrd	adrd
app3	ginger	gbreak	ginger
app4	anserver	gbreak	anserver
app5	adrd	adrd	ginger

Multiple family
names per samples