
Subject: [PATCH 9/9] Consolidate the xxx_put
Posted by [Pavel Emelianov](#) on Fri, 12 Oct 2007 13:29:01 GMT
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These ones use the generic data types too, so move them in one place.

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```
diff --git a/include/net/inet_frag.h b/include/net/inet_frag.h
index cf583cf..911c2cd 100644
--- a/include/net/inet_frag.h
+++ b/include/net/inet_frag.h
@@ -51,4 +51,10 @@ void inet_frag_destroy(struct inet_frag_queue *q,
    struct inet_frags *f, int *work);
int inet_frag_evictor(struct inet_frags *f);

+static inline void inet_frag_put(struct inet_frag_queue *q, struct inet_frags *f)
+{
+ if (atomic_dec_and_test(&q->refcnt))
+  inet_frag_destroy(q, f, NULL);
+}
+
#endif
```

```
diff --git a/net/ipv4/ip_fragment.c b/net/ipv4/ip_fragment.c
index 4ea7948..4470a50 100644
--- a/net/ipv4/ip_fragment.c
+++ b/net/ipv4/ip_fragment.c
@@ -154,8 +154,7 @@ static __inline__ struct ipq *frag_alloc_queue(void)

static __inline__ void ipq_put(struct ipq *ipq)
{
- if (atomic_dec_and_test(&ipq->q.refcnt))
-  inet_frag_destroy(&ipq->q, &ip4_frags, NULL);
+ inet_frag_put(&ipq->q, &ip4_frags);
}
```

/* Kill ipq entry. It is not destroyed immediately,

```
diff --git a/net/ipv6/netfilter/nf_conntrack_reasm.c b/net/ipv6/netfilter/nf_conntrack_reasm.c
index 862d089..bf6f2f0 100644
--- a/net/ipv6/netfilter/nf_conntrack_reasm.c
+++ b/net/ipv6/netfilter/nf_conntrack_reasm.c
@@ -149,8 +149,7 @@ static inline struct nf_ct_frag6_queue *frag_alloc_queue(void)

static __inline__ void fq_put(struct nf_ct_frag6_queue *fq)
{
```

```
- if (atomic_dec_and_test(&fq->q.refcnt))
- inet_frag_destroy(&fq->q, &nf_frags, NULL);
+ inet_frag_put(&fq->q, &nf_frags);
}
```

```
/* Kill fq entry. It is not destroyed immediately,
diff --git a/net/ipv6/reassembly.c b/net/ipv6/reassembly.c
index 454db16..a50fbea 100644
```

```
--- a/net/ipv6/reassembly.c
```

```
+++ b/net/ipv6/reassembly.c
```

```
@@ -167,8 +167,7 @@ static inline struct frag_queue *frag_alloc_queue(void)
```

```
static __inline__ void fq_put(struct frag_queue *fq)
{
- if (atomic_dec_and_test(&fq->q.refcnt))
- inet_frag_destroy(&fq->q, &ip6_frags, NULL);
+ inet_frag_put(&fq->q, &ip6_frags);
}
```

```
/* Kill fq entry. It is not destroyed immediately,
```

```
--
```

1.5.3.4
