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# Kerberos 5 Release 1.7

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# Overview

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The Release Process

Features Planned for krb5-1.7

Status

# The Release Process

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Release Types

Planning

Development

Branching

Testing

Release

Patch Releases

# Release Types

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Full releases (krb5-x.y)

Patch releases (krb5-x.y.z)

Testing releases

# Planning Process Used

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For full releases (krb5-x.y)

Community input

Goals

Ranking

Estimates of work

Highest-ranked goals assigned to  
developers based on resources available

Now Consortium Board will set priorities

# Development

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Subversion used for revision control

Trunk

- Main development activity

- Attempt to keep stable

- Allows experimentation with new features

Branches isolate changes from trunk

# Branching

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## Release branches

When code is suitable for testing releases

Forked off from trunk

Located at `branches/krb5-x-y` in Subversion

e.g. `krb5-1.7` will be `branches/krb5-1-7`

Highly stable – no new features after beta release

## Changes

Expected to be minor

Only by Release Engineer

Require RT ticket and pullup request

## Temporary branches

For potentially destabilizing development

# Testing

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## Release branch

For users wanting to aggressively test latest pre-release code

## Testing releases

Announced to primarily to developers

### Alpha releases

Named like *krb5-x.y-alphan*

Bugs expected

### Beta releases

Named like *krb5-x.y-betan*

Near final release quality



# Release

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Final release

No code changes from last beta

Documentation changes usually permitted

Publicly announced to wide audience

# Patch Releases

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Changes pulled up to existing release branch

Usually go through beta testing

Named krb5-x.y.z

Current release branch

- Bug fixes

- Minor enhancements

- Security vulnerability fixes

Maintenance release branch

- Security vulnerability fixes only

# Features Planned for krb5-1.7

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- Kerberos Identity Management (KIM) API
- GSS-API enhanced error strings
- Unified Credentials Cache API (CCAPI) on Mac OS X and Windows
- Support for GSS-API mechanism glue (“mechglue”) plug-in modules

# Status

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Release target date Aug. 2008

Approx. 2 months allocated for testing

Adopting Daptiv PPM for project tracking

Currently on schedule

Completed:

- CCAPI for Mac OS X

- GSS-API enhanced error messages