# Policies, Standards & Procedures for an ETD Programme

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# ETD success is dependent on a good mix of

- Empowering policies
- Clearly defined roles
- Adequate resources
- Streamlined procedures and workflow integrated with....
- Good IT infrastructure

#### Start with the "Wisdom" of the plan

- •Our theses and dissertations are proof of excellent research work done at high cost for the university as well as for the country: they deserve to be read widely
- •University no longer just a consumer of information but also a supplier (the knowledge management perspective)
- •The internet is currently the most appropriate medium to accomplish this
- •We are in good company with major universities worldwide

# Base it on sound principles

- We support open access, open source and open standards
- It should be a university initiative
- Aligned to international movement
- Stay within university IT architecture and other systems such as rules and regulations
- 80/20 principle
- Use existing resources to the full
- Integrate as much as possible

#### Create empowering policies and rules

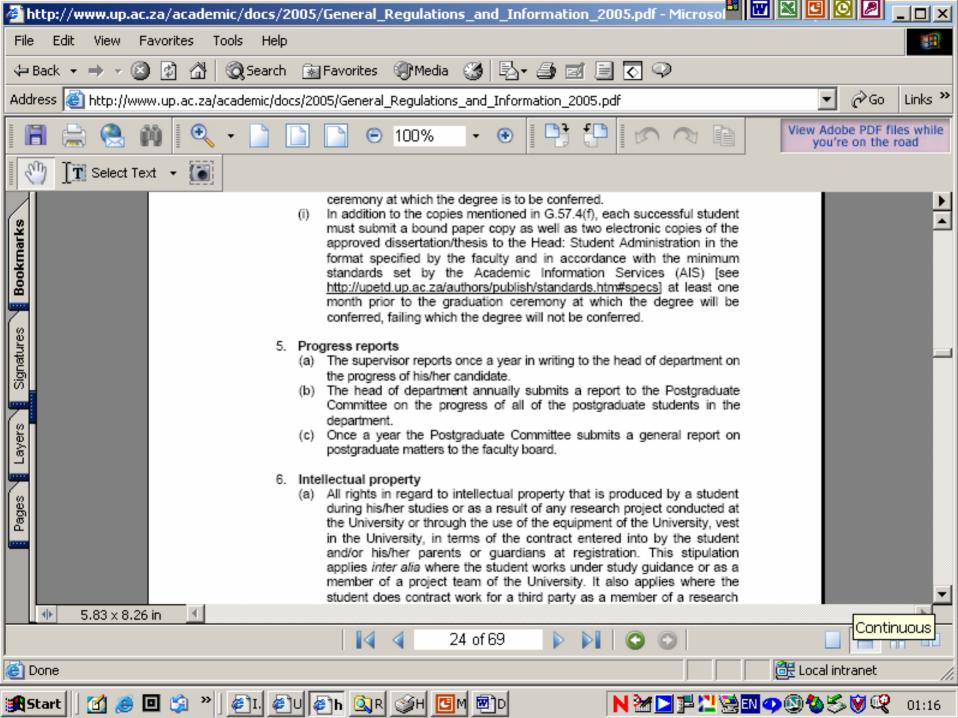
#### **Definition**

- •A policy is a general guide that establishes parameters for making and implementing decisions. It diminishes uncertainty, promotes coordination and integration and helps to create consistency. It shows commitment and lends authority.
- It should be both flexible and stable
- Think through the long term implications a of your policies
- Consider sustainability in terms of resources needeed
- Policies need to be revisited and revised continuously to keep pace with new circumstances

#### Create empowering policies and rules (2)

# General institutional policy on ETDs

- Compulsory submission
- Align with university policy structure and attitude towards policy
- Integrate with general thesis/dissertation regulations
- E-only or do you still expect paper copies?
- Inform all role players about the policy change



#### Create empowering policies and rules (3)

#### **Collection policy**

- What to include: M, D, research only?
- Starting from a certain date or doing retrospectively?
- Open access options
- Formats: main format and other supported formats, multimedia
- How to deal with embargoes

#### Create empowering policies and rules (4)

#### Submission policy

- Self-submission or not
- Where to submit: Faculty or P-G Admin Office, ETD Office
- When to submit: after correction
- When to make available on web: after graduation /after one year
- Documentation
- Service level agreements (later)

#### Create empowering policies and rules (5)

# **Access policy**

- General adherance to open access
- Different access options for different circumstaces
- How to deal with embargoes
- System availability
- Inclusion in library catalogue and other databases
- OAI compliancy and harvesting

#### Create empowering policies and rules (6)

#### Other issues that may need policy

- Privacy
- Fees
- Quality
- Metadata
- Back-ups and archiving
- Management Information: What do we collect? How? What do we use it for?

#### Minimum standards for ETDs

**Standards** represent common agreements that enable communication

- General file format = PDF
- File size
- Naming convention
- Security
- Metadata: keywords, names of departments ....

# Identify and clarify roles

#### STUDENT

authors the ETD, converts it to PDF (?), responsible for submission

#### SUPERVISOR

certifies the quality of the ETD and gives permission for the selected level of access

- FACULTY OR P-G ADMINISTRATION manages the examination process within regulations
- UNIVERSITY LEADERSHIP responsible for policy, sponsorship and resources in general

# Identify and clarify roles (2)

#### LIBRARY

provides a home for the ETD office, provides resources, helps with marketing

# IT DEPARTMENT

guarantees system availability

#### ETD STAFF

manage the ETD process, review, enhance, add security, do quality control, approve, liaise with stakeholders, train students, maintain web site, do marketing

# Model and streamline processes and workflow

Work flow is the representation of a "predictable" and (at least somewhat) structured business process

- during which tasks, documents and information
- are passed from one participant to another for action
- according to a set of procedural rules
- •in order to meet a specific objective
- within a specific time frame.
- Part or all of it may be automated.

#### Three good reasons to take Work flow seriously

- 1. Resource constraints will necessitate a high level of efficiency.
- 2. Uneven inflow needs to be balanced with service level agreements for smooth output and priority demands.
- 3. You will have to manage a complex work environment.

# Workflow design elements

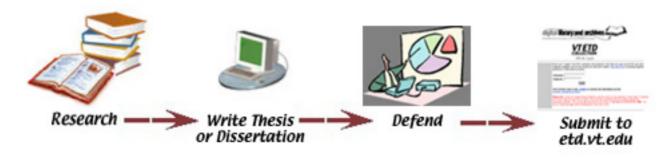
- Task = what needs to be done at this stage of the process
- Role = the set of knowledge/skills/responsibilities needed to complete the task
- Trigger = the event that alerts you to the incoming task
- Information = necessary to complete the task
- Added value = the positive change that was brought about by performing the task and which is the actual reason for doing the task

# Workflow design elements (2)

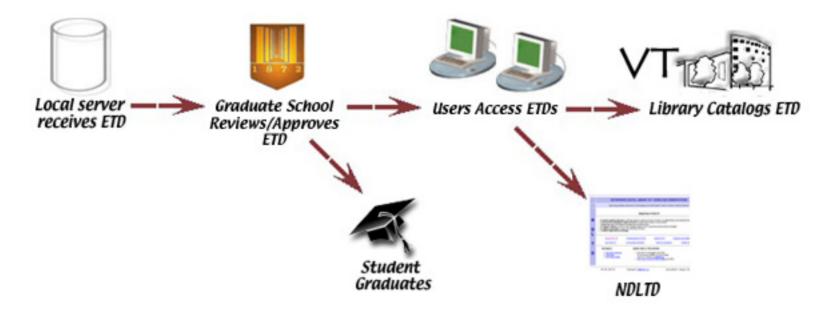
- Status = after the task was performed
- Route = direction of the flow and the "vehicle"
- Rules and service level agreements = practical interpretaion of general policies
- Interaction = between various role players
- Messages = to be distributed after completing the task

# Life Cycle of an ETD

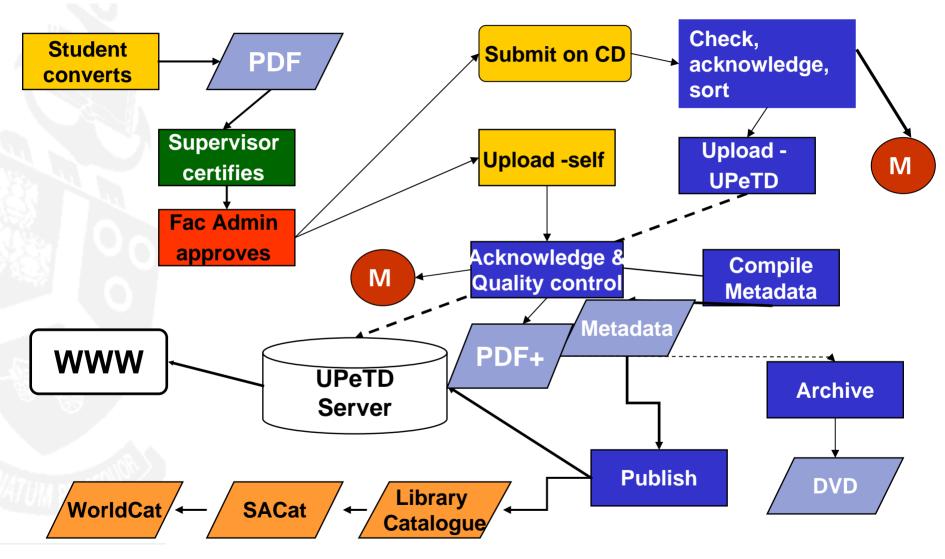
#### Student thesis work



#### Steps after submitting an ETD



#### **UPeTD Workflow**



Compulsory submission of PDF files directly on web or on CD

#### **Service Level Agreements**

Service level agreements are formal or informal 'contracts' describing the expectations between parties and the way in which these will be fulfilled

- what service will be rendered
- what will it cost
- when (how soon) will it be done
- how will you be informed
- how will a breakdown in service be corrected

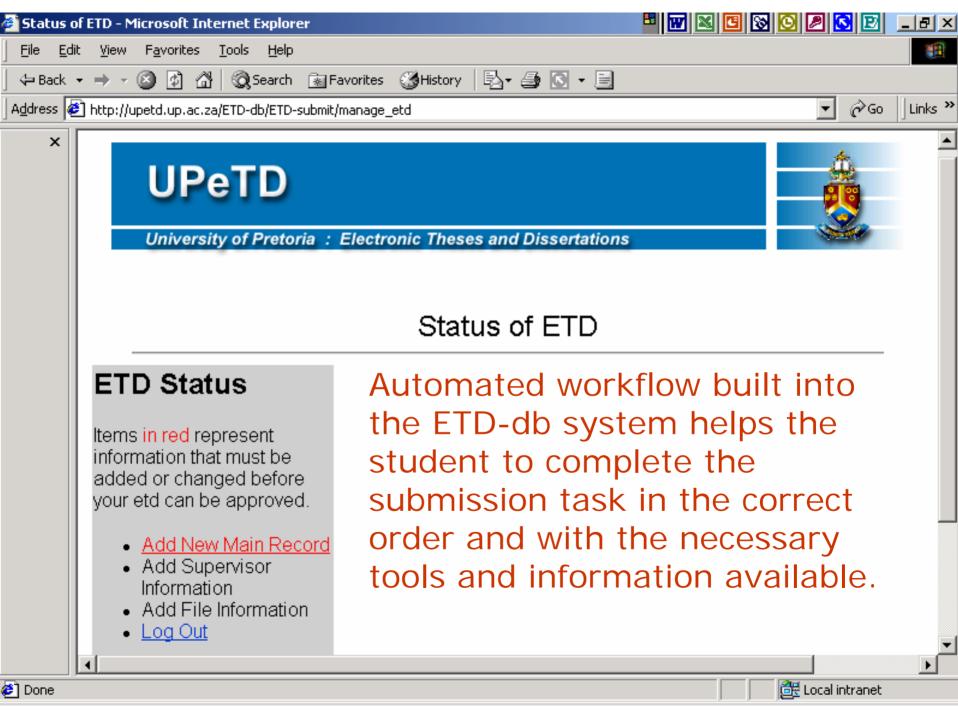
#### **Automating workflow**

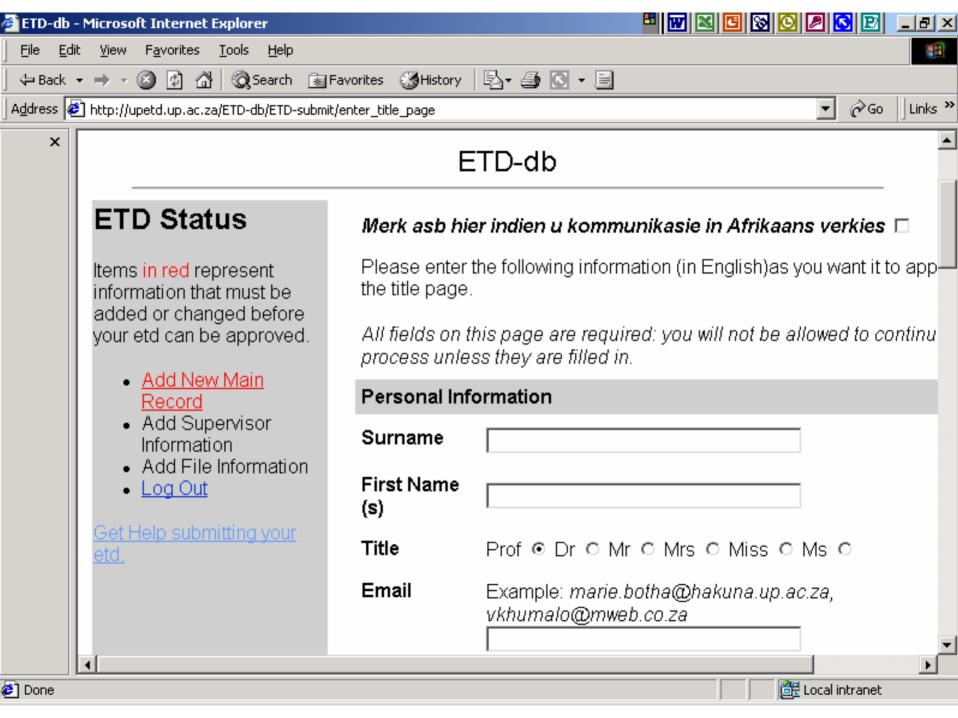
• Automated work *flow* provides the participants with a computerized work environment. In most cases, it will automatically launch the correct tool for the correct task, and it will assist the users with additional information so that they can be more effective at their job.

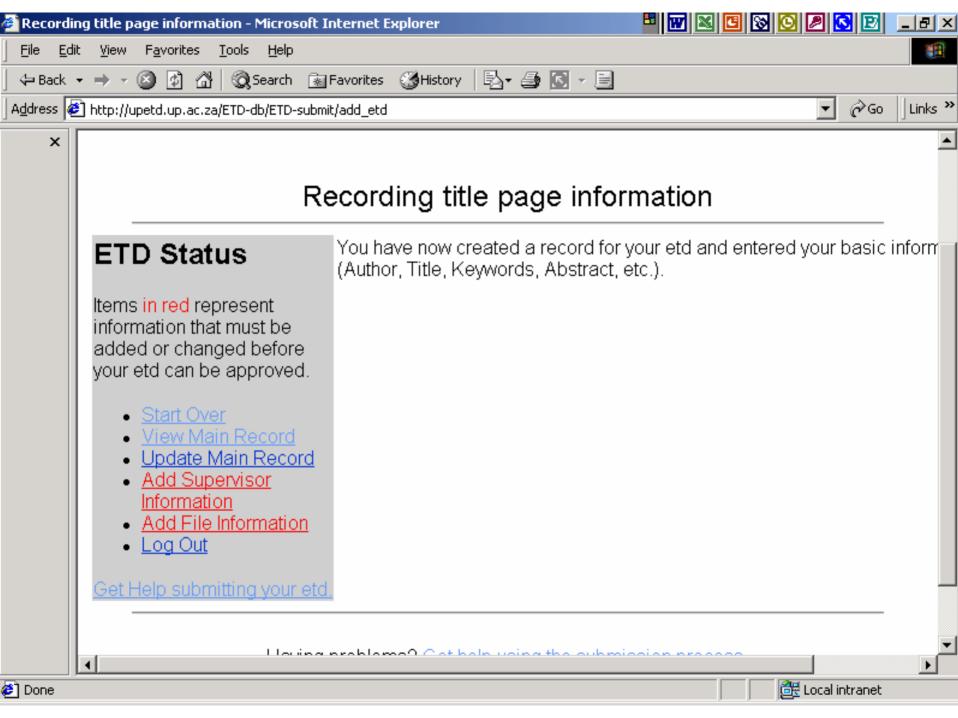
# **Automating workflow (2)**

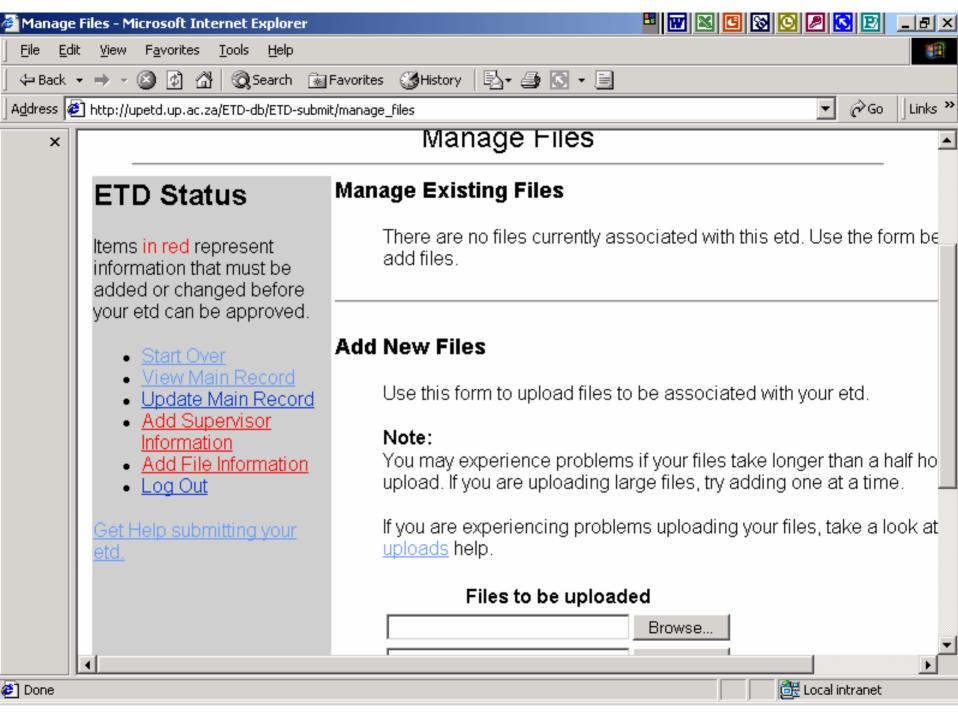
# An automated workflow system should facilitate the process in the following ways

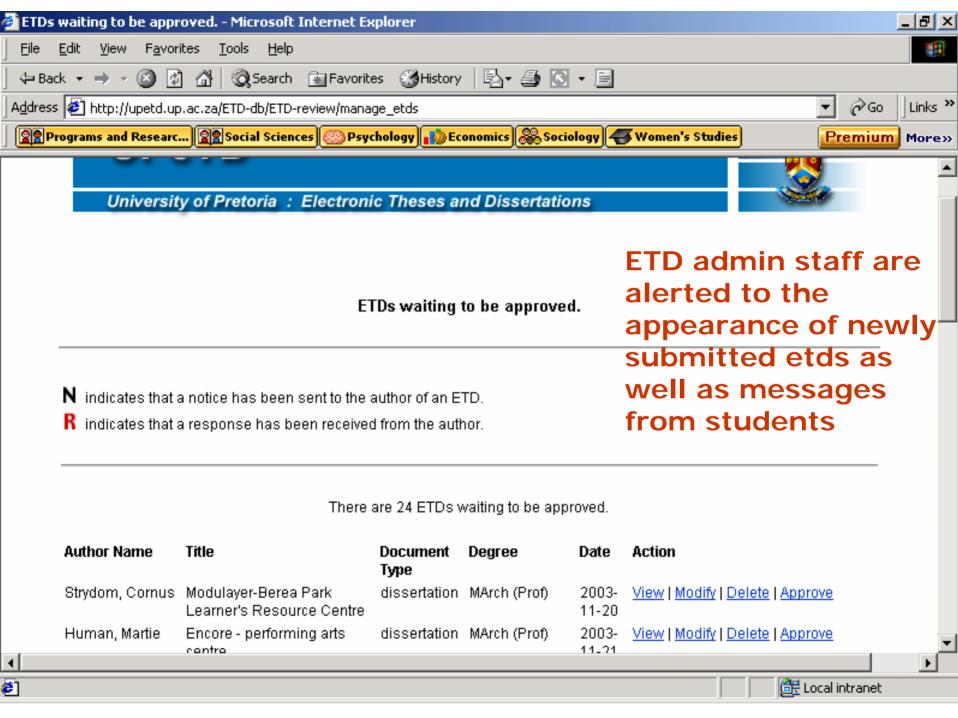
- Notify a participant that work is at hand
- Provide the user with the proper tools to do the work
- Provide the tool with the necessary information already flowing
- Allow the user to see where his task fits in

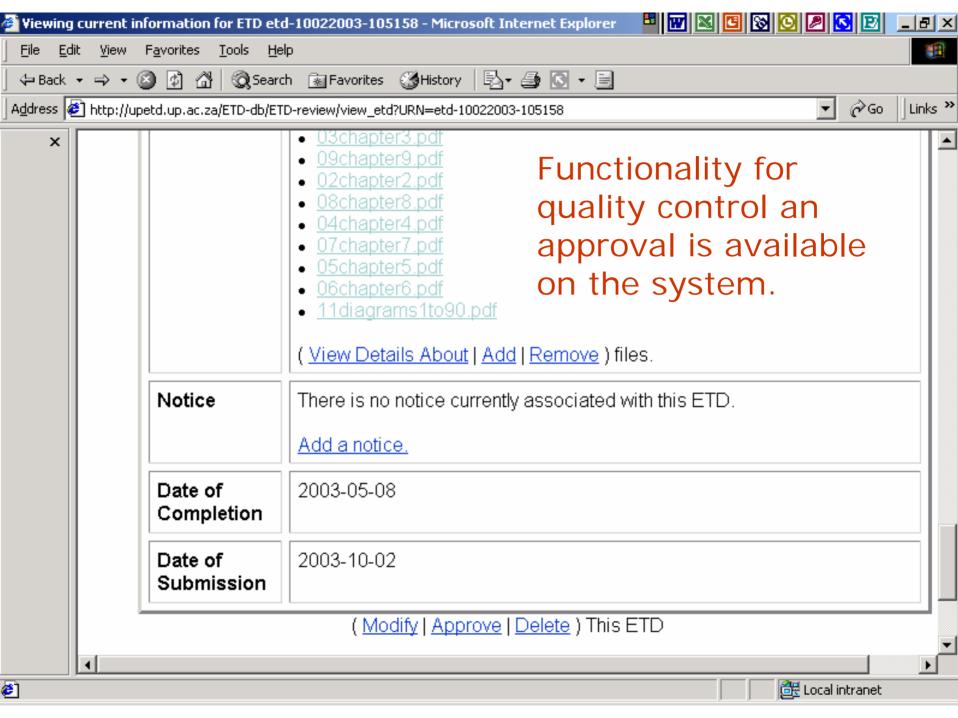


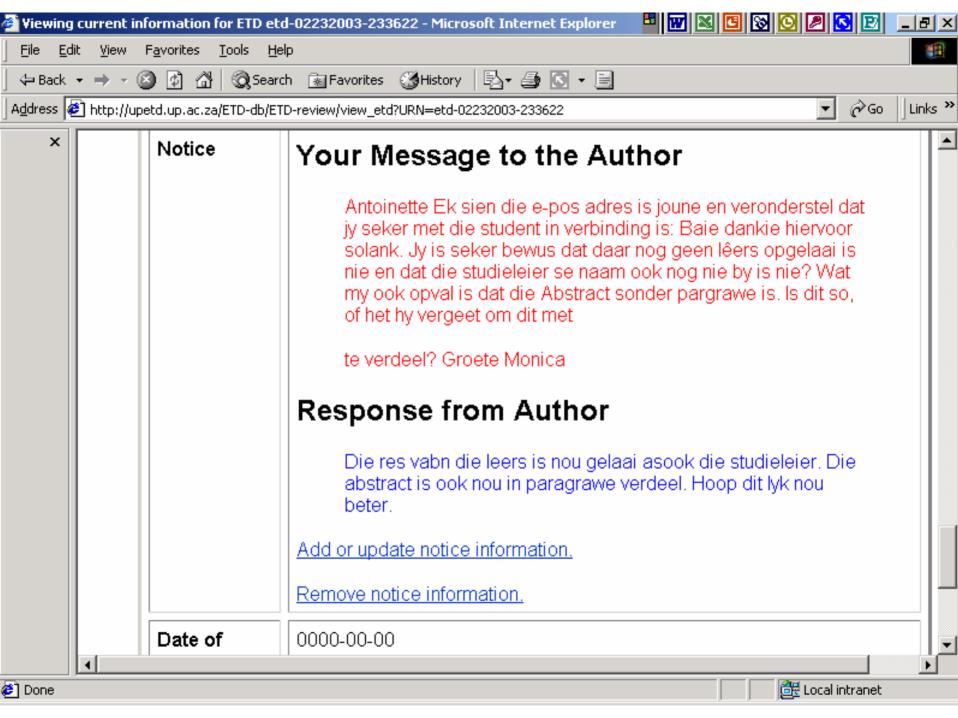


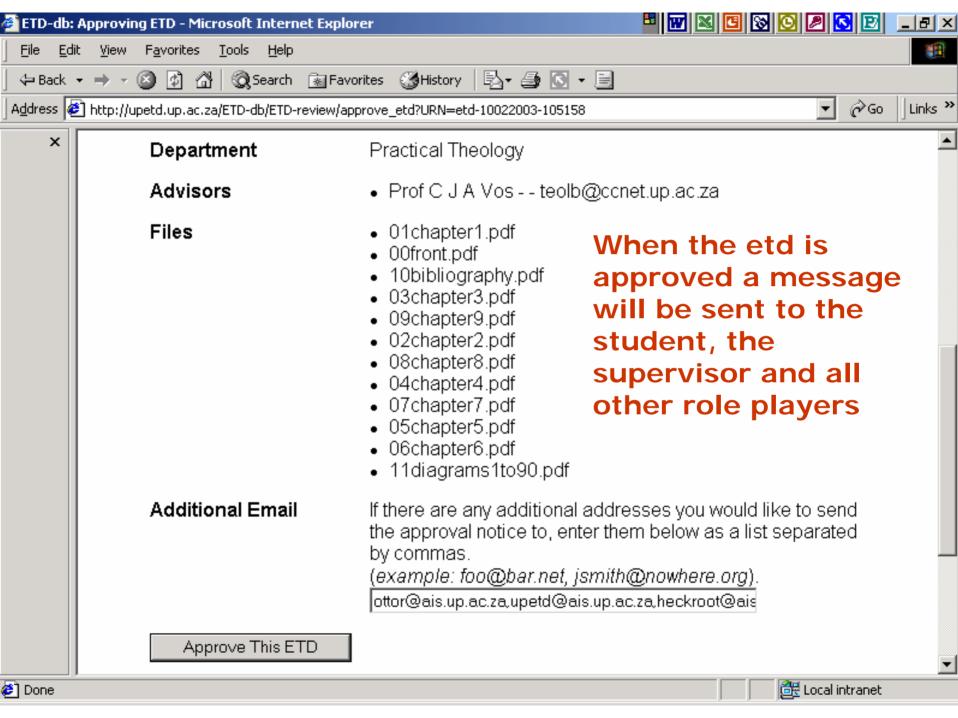










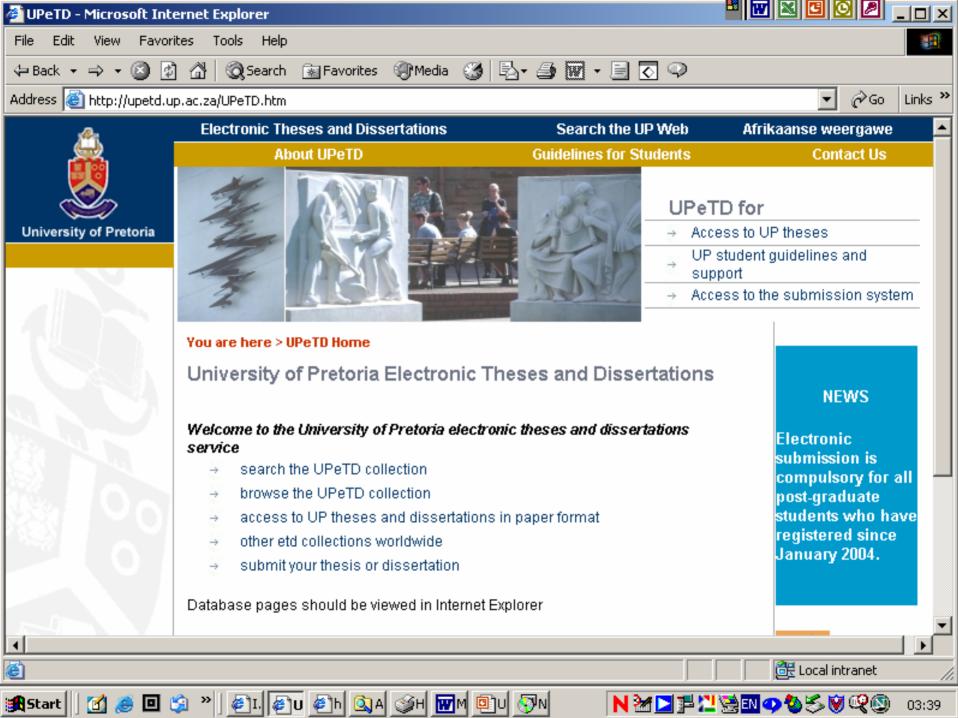


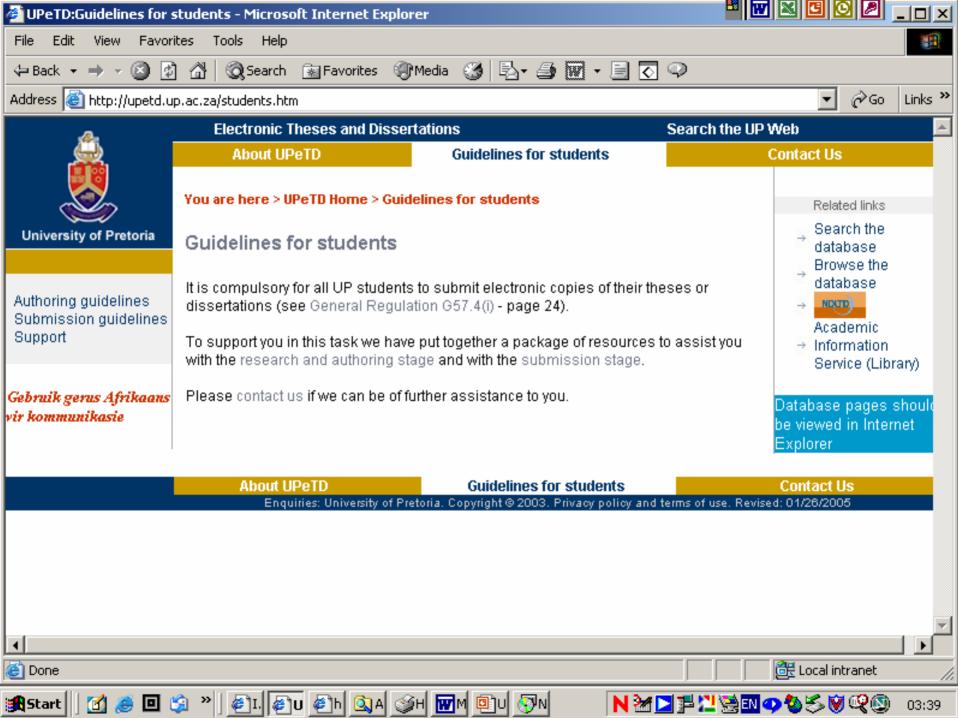
#### Key benefits of workflow

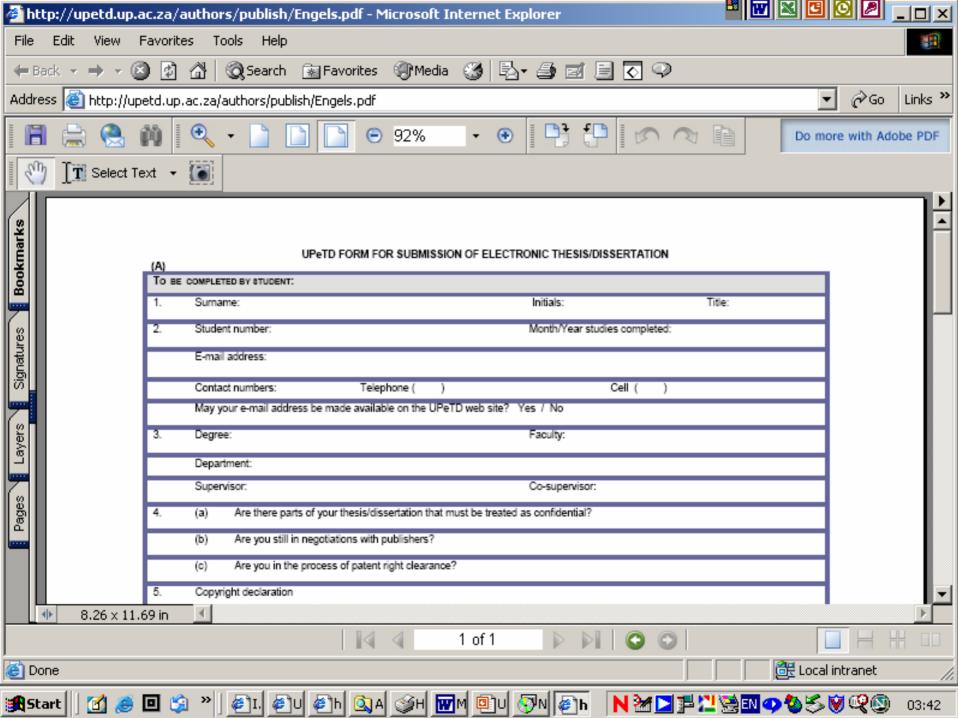
- Improved efficiency
- Aligning of resources
- Correct level of staffing
- Managing work complexity
- Accelerate and facilitate collaboration
- Leverage knowledge across organisation

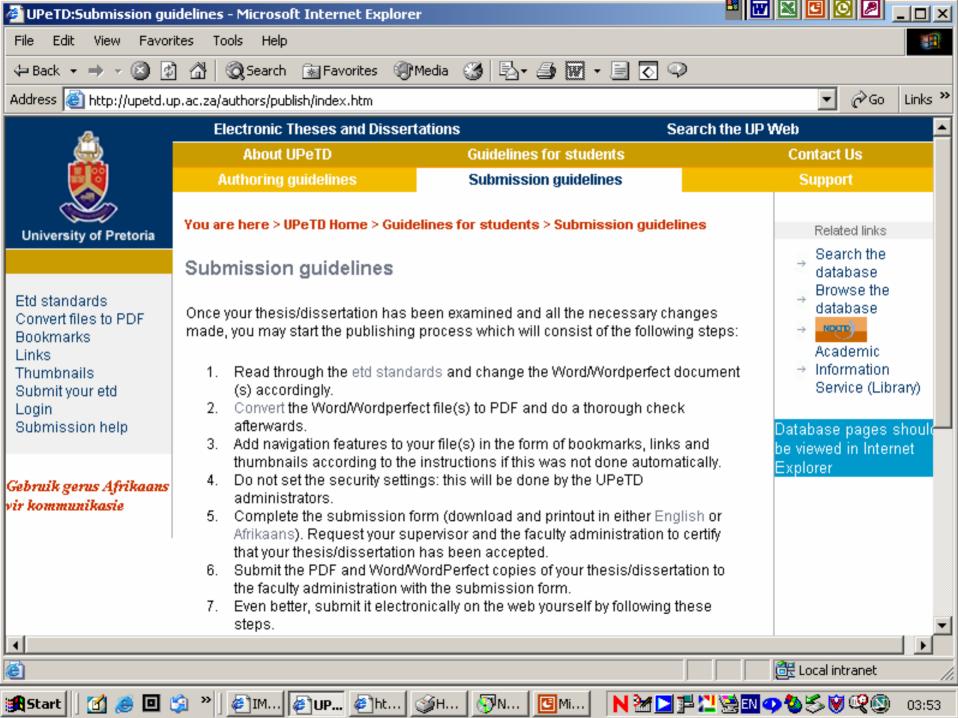
# Key benefits of workflow (2)

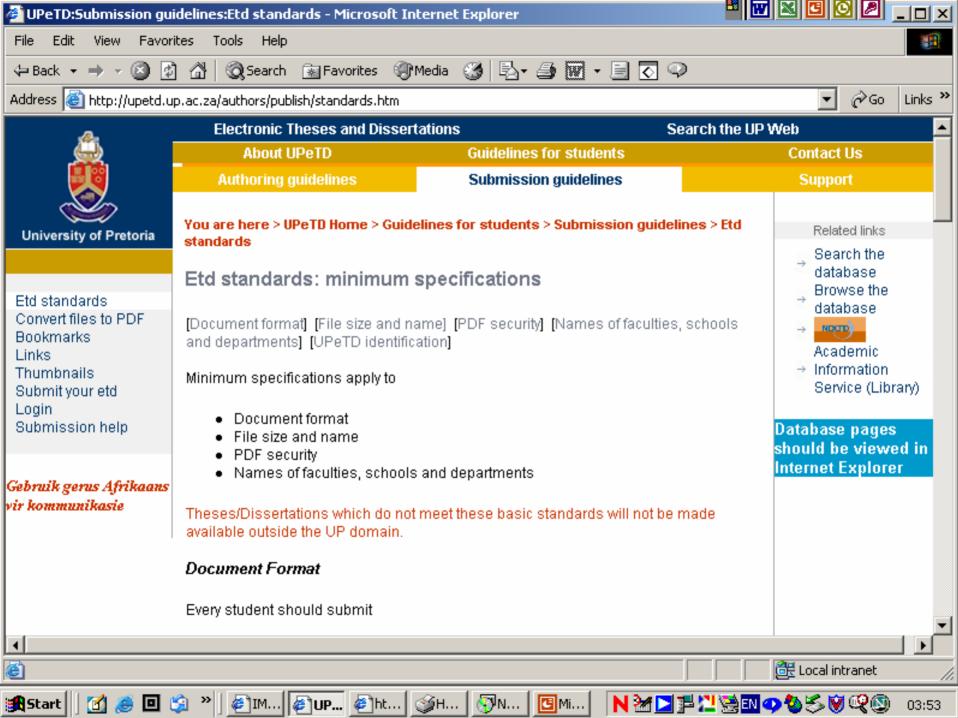
- Improved customer service
- Flexibility for redesign in line with changing business needs
- A tool for diagnosing problems and for business process improvement: streamlining and simplification and the elimination of cumbersome, wasteful processes
- Useful to influence the process and policy

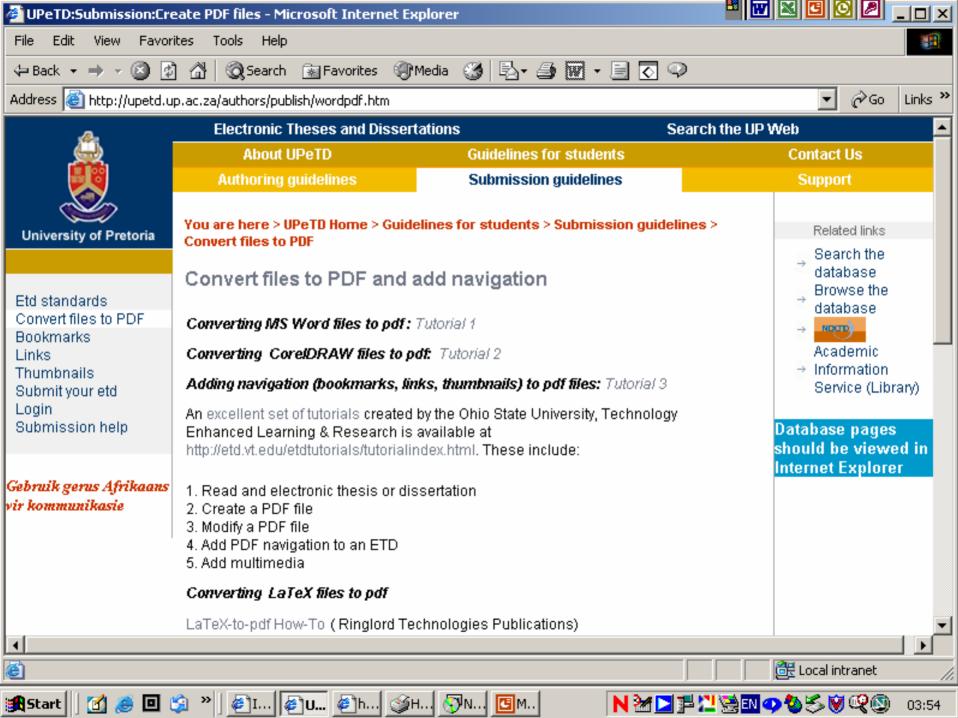


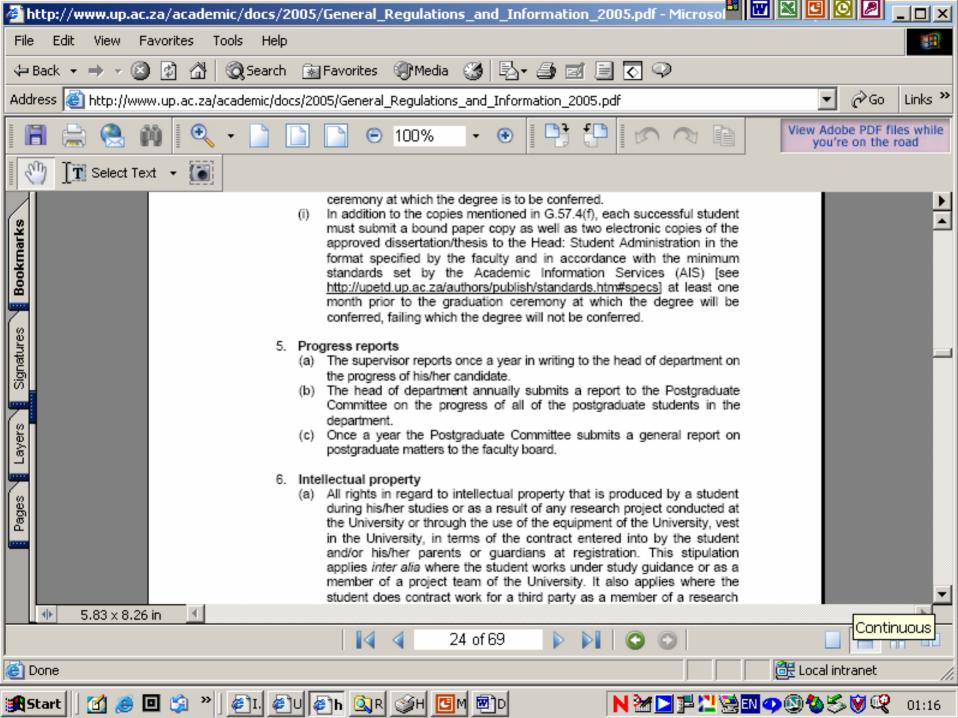


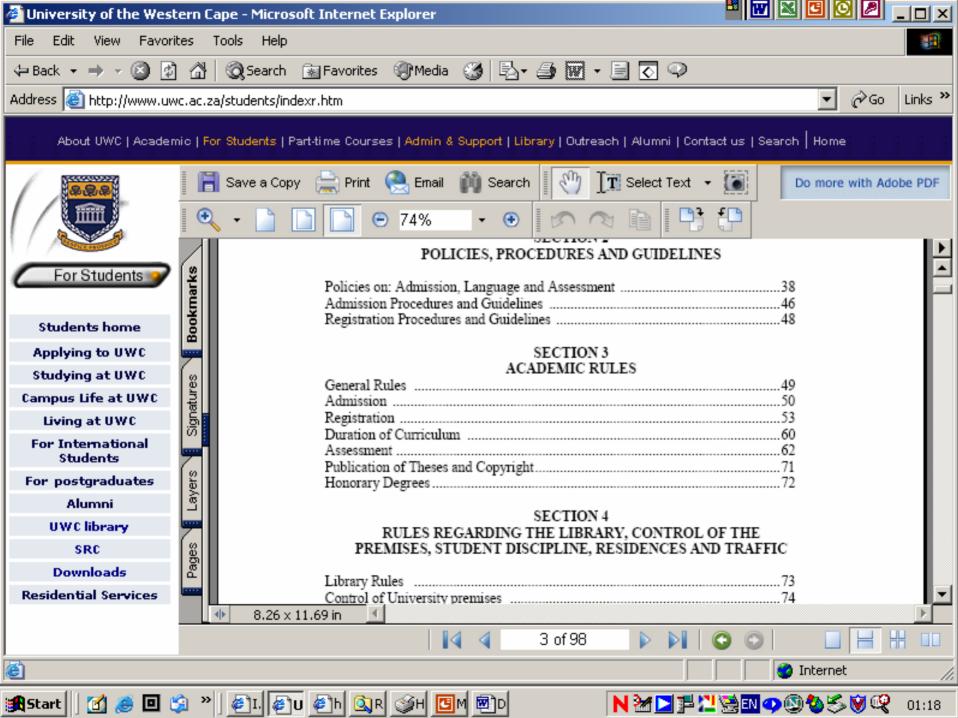


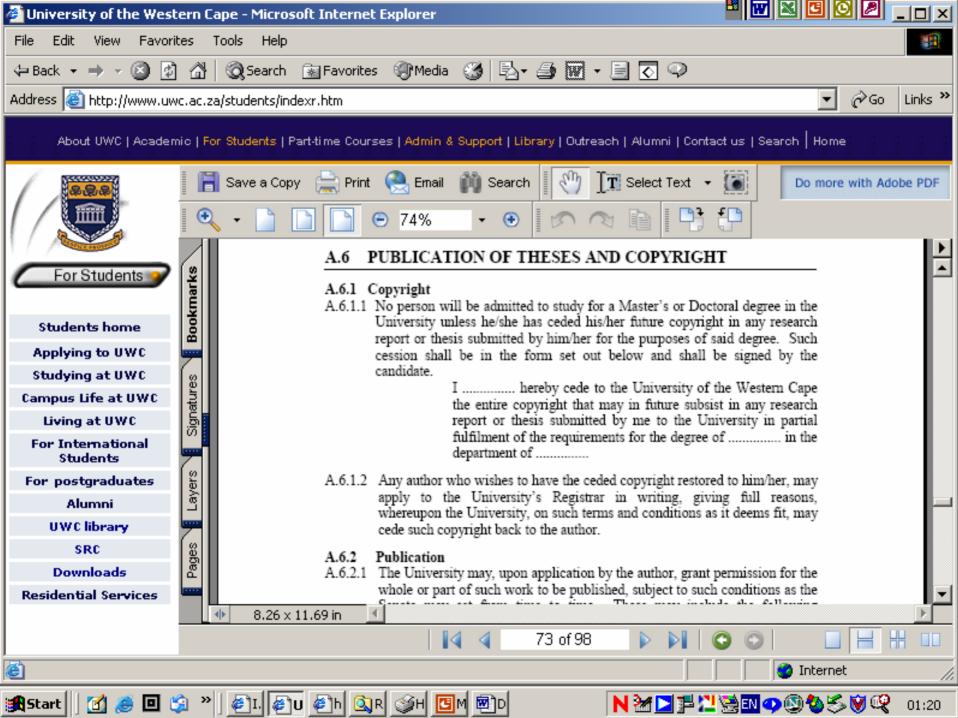












Thank you for your time and attention!

You are welcome to contact me at

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